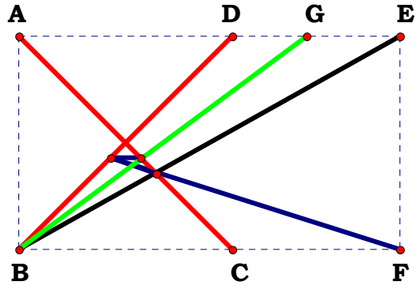
CS(NE2MNP1)DN



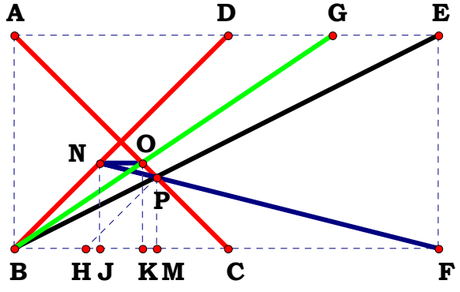
$AB := 1$

$BC := AB$

$EF := AB$

$AE := 7$

$BF := AE$ $\quad N := \frac{AE}{AB}$

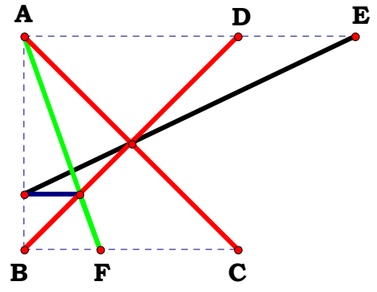


$MP := \frac{AB^2}{BC + BF}$ $\quad BM := \frac{BF \cdot MP}{EF}$ $\quad FM := BF - BM$

$JN := \frac{MP \cdot BF}{MP + FM}$ $\quad CK := JN$ $\quad BK := BC - CK$

$AG := \frac{BK \cdot AB}{CK}$ $\quad R := \frac{AG}{AB}$ $\quad \frac{N^2 - N + 1}{N} - R = 0$

CS(NM1)DN

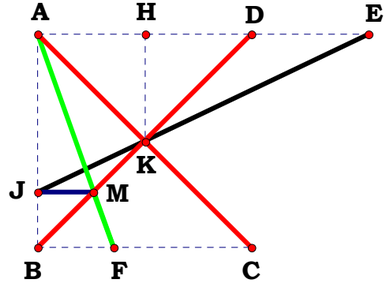


$AB := 1$

$AD := AB$

$AE := 5$

$N := \frac{AE}{AB}$

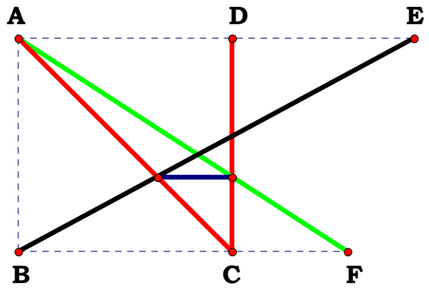


$HK := \frac{AD}{2}$ $EH := AE - HK$ $AJ := \frac{HK \cdot AE}{EH}$

$BJ := AB - AJ$ $BF := \frac{BJ \cdot AB}{AJ}$

$R := \frac{BF}{AB}$ $\frac{N - 1}{N} - R = 0$

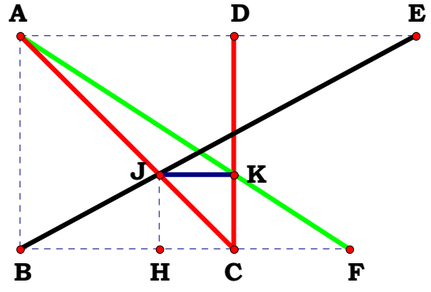
CS(NP1)DN



$AB := 1 \qquad AE := 7$

$BC := AB \qquad N := \frac{AE}{AB}$

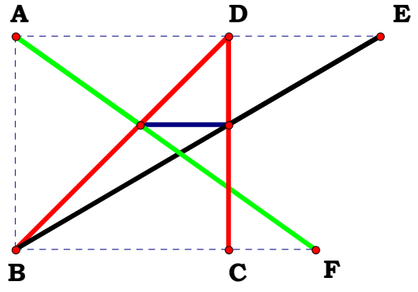
$AD := AB$



$JH := \frac{AB^2}{BC + AE} \qquad CK := JH \quad DK := AB - CK \quad CF := \frac{AD \cdot CK}{DK}$

$BF := BC + CF \qquad R := \frac{BF}{AB} \qquad \frac{N + 1}{N} - R = 0$

CS1D(NM1)



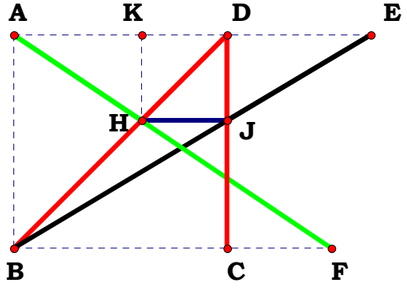
$AB := 1$

$AE := 6$ $\quad N := \frac{AE}{AB}$

$AD := AB$

$BC := AB$

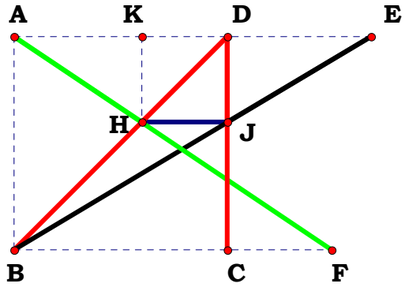
$CD := AB$



$CJ := \frac{AB^2}{AE}$ $\quad DJ := CD - CJ$ $\quad AK := CJ$ $\quad HK := DJ$

$BF := \frac{AK \cdot AB}{HK}$ $\quad R := \frac{BF}{AB}$ $\quad \frac{1}{N-1} - R = 0$

CS1D(NM1)

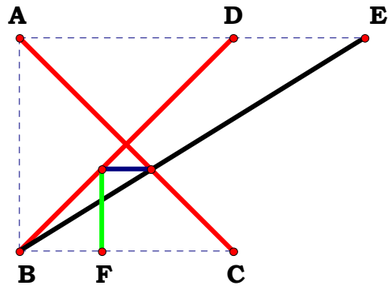


$$AE := 6 \qquad AB := 1 \qquad N := \frac{AE}{AB}$$

$$CJ := \frac{AB^2}{AE} \qquad DJ := AB - CJ$$

$$BF := \frac{CJ \cdot AB}{DJ} \qquad R := \frac{BF}{AB} \qquad \frac{1}{N-1} - R = 0$$

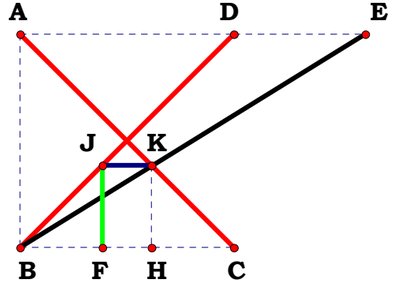
CS1D(NP1)



$AB := 1$

$AE := 5$

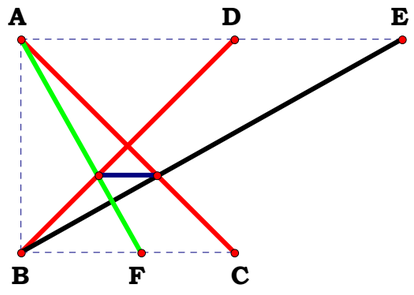
$N := \frac{AE}{AB}$



$HK := \frac{AB^2}{AB + AE}$ $BF := HK$ $R := \frac{BF}{AB}$

$\frac{1}{N+1} - R = 0$

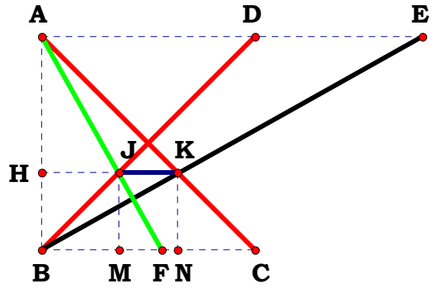
CS1DN



$$AB := 1$$

$$AE := 6$$

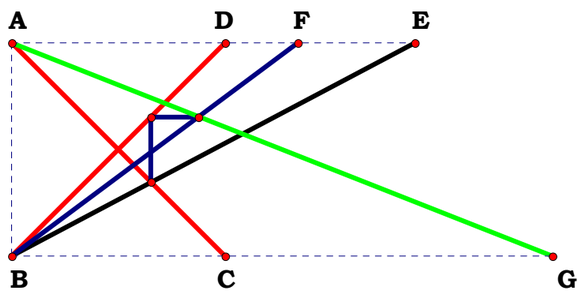
$$N := \frac{AE}{AB}$$



$$KN := \frac{AB^2}{AB + AE} \qquad BM := KN \qquad BF := \frac{BM \cdot AB}{AB - BM}$$

$$R := \frac{BF}{AB} \qquad \frac{1}{N} - R = 0$$

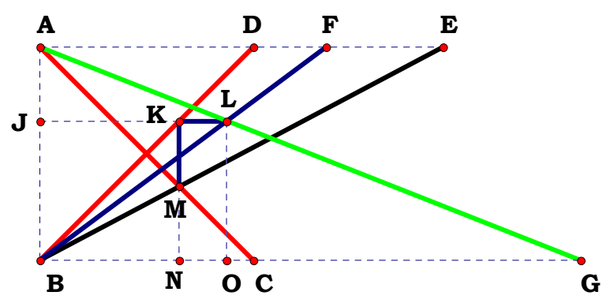
CSN1TN2



$$AB := 1$$

$$AE := 6 \qquad N_1 := \frac{AE}{AB}$$

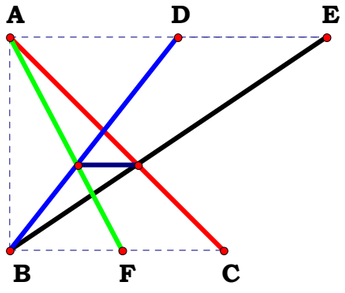
$$AF := 4 \qquad N_2 := \frac{AF}{AB}$$



$$BN := \frac{AE \cdot AB}{AB + AE} \qquad BO := \frac{AF \cdot BN}{AB} \qquad BG := \frac{BO \cdot AB}{AB - BN} \qquad R := \frac{BG}{AB}$$

$$N_1 \cdot N_2 - R = 0$$

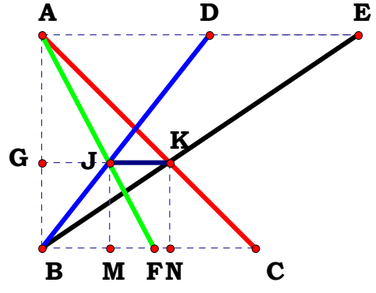
CSN2DN1



$AB := 1$

$AE := 5$ $\quad N_1 := \frac{AE}{AB}$

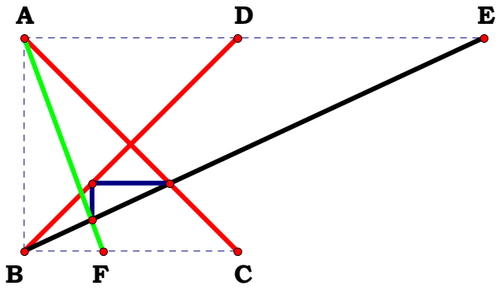
$AD := 3$ $\quad N_2 := \frac{AD}{AB}$



$KN := \frac{AB^2}{AB + AE}$ $\quad BM := \frac{AD \cdot KN}{AB}$ $\quad BF := \frac{BM \cdot AB}{AB - KN}$

$R := \frac{BF}{AB}$ $\quad \frac{N_2}{N_1} - R = 0$

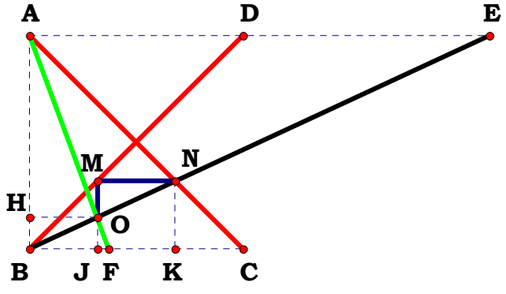
CSND(NE2PNM1)



$$AB := 1$$

$$AE := 5$$

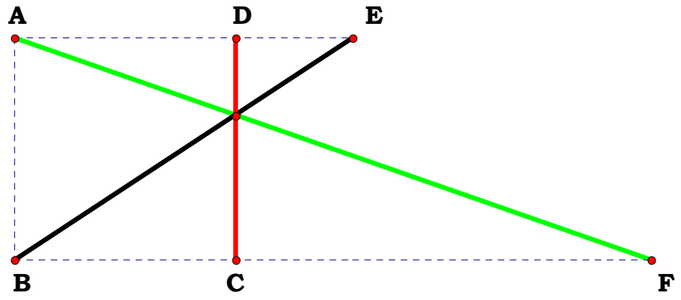
$$N := \frac{AE}{AB}$$



$$KN := \frac{AB^2}{AE + AB} \qquad BJ := KN \qquad JO := \frac{AB \cdot BJ}{AE}$$

$$BF := \frac{BJ \cdot AB}{AB - JO} \qquad R := \frac{BF}{AB} \qquad \frac{N}{N^2 + N - 1} - R = 0$$

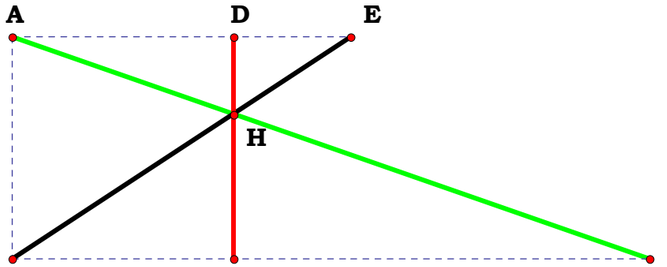
CSND(NM1)_1



$AB := 1$

$AE := 6$

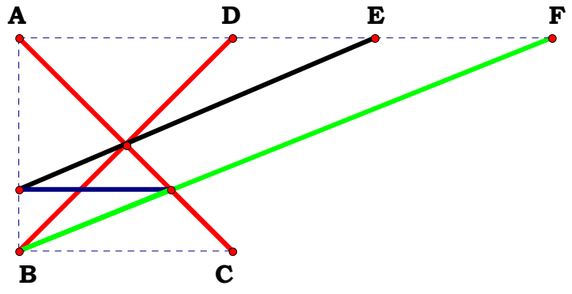
$N := \frac{AE}{AB}$



$DH := \frac{AB \cdot (AE - AB)}{AE}$ $BF := \frac{AB^2}{DH}$

$R := \frac{BF}{AB}$ $\frac{N}{N - 1} - R = 0$

CSND(NM1)_2



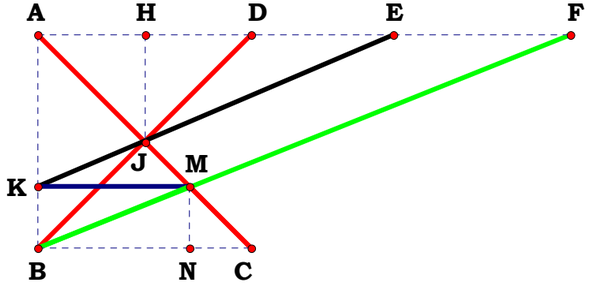
$AB := 1$

$AD := AB$

$BC := AB$

$AE := 5$

$N := \frac{AE}{AB}$

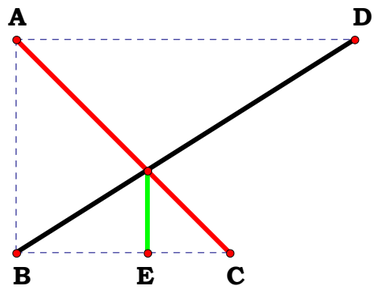


$HJ := \frac{AD}{2}$ $EH := AE - HJ$ $AK := \frac{HJ \cdot AE}{EH}$

$BK := AB - AK$ $BN := BC - BK$ $AF := \frac{BN \cdot AB}{BK}$

$R := \frac{AF}{AB}$ $\frac{N}{N-1} - R = 0$

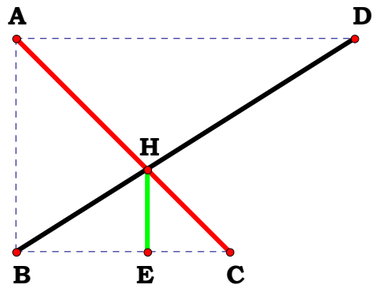
CSND(NP1)



$AB := 1$

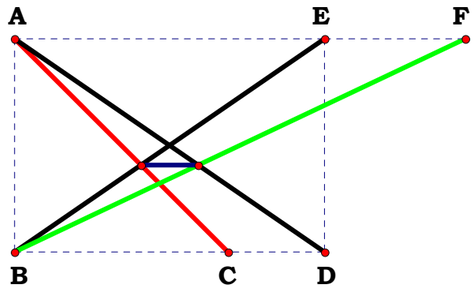
$AD := 6$

$N := \frac{AD}{AB}$



$BE := \frac{AD \cdot AB}{AB + AD}$ $R := \frac{BE}{AB}$ $\frac{N}{N+1} - R = 0$

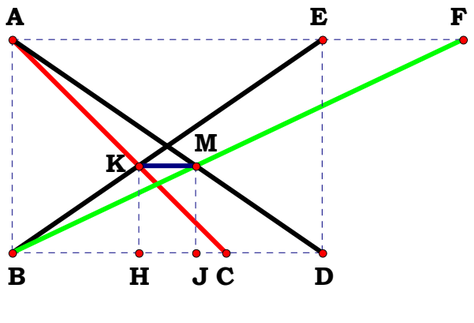
CSNE2_1



$$AB := 1$$

$$AE := 6$$

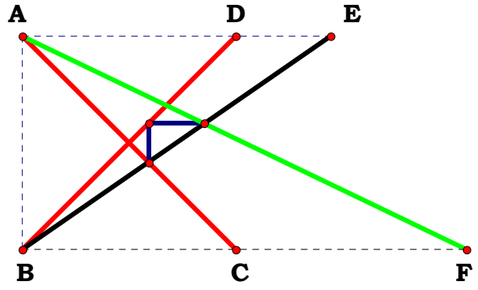
$$N := \frac{AE}{AB}$$



$$HK := \frac{AB^2}{AB + AE} \qquad DJ := \frac{AE \cdot HK}{AB} \qquad BJ := AE - DJ$$

$$AF := \frac{BJ \cdot AB}{HK} \qquad R := \frac{AF}{AB} \qquad N^2 - R = 0$$

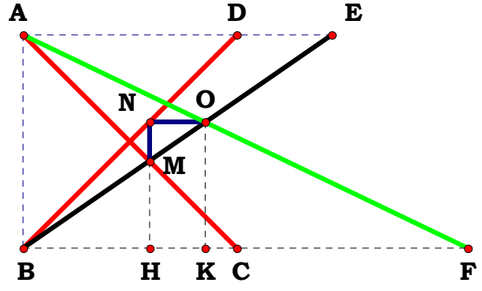
CSNE2_2



$AB := 1$

$AE := 5$

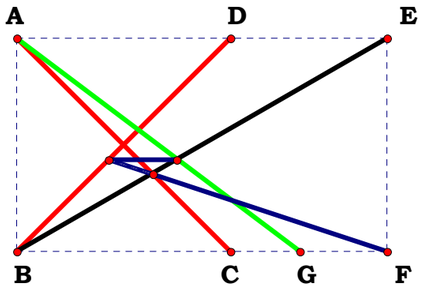
$N := \frac{AE}{AB}$



$HM := \frac{AB^2}{AE + AB}$ $BH := \frac{AE \cdot HM}{AB}$ $KO := BH$

$BK := \frac{AE \cdot KO}{AB}$ $BF := \frac{BK \cdot AB}{AB - KO}$ $R := \frac{BF}{AB}$ $N^2 - R = 0$

CSNE2D(NE2MNP1)



$AB := 1$

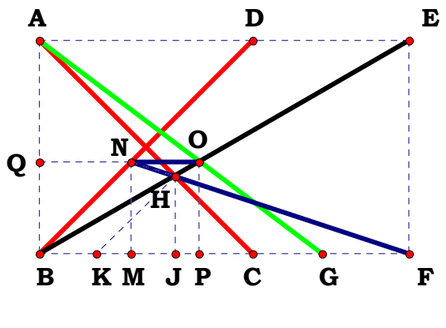
$EF := AB$

$BC := AB$

$AE := 5$

$N := \frac{AE}{AB}$

$BF := AE$

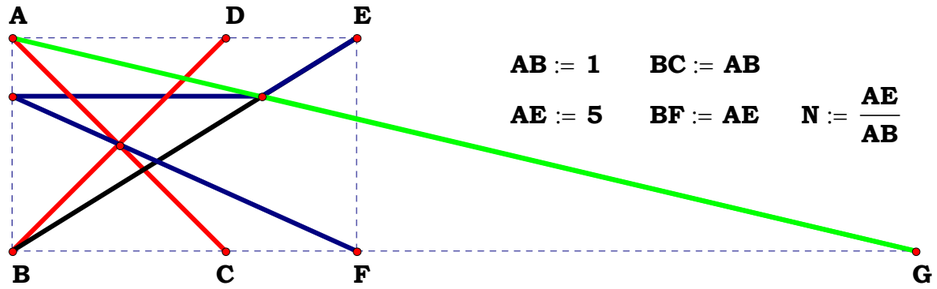


$HJ := \frac{EF \cdot BC}{BC + BF}$ $BJ := \frac{BF \cdot HJ}{EF}$ $FJ := BF - BJ$ $JK := HJ$

$FK := FJ + JK$ $MN := \frac{HJ \cdot BF}{FK}$ $BP := \frac{BF \cdot MN}{EF}$ $AQ := AB - MN$

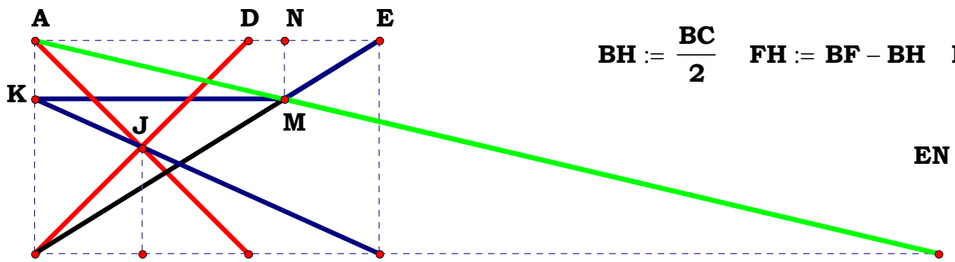
$BG := \frac{BP \cdot AB}{AQ}$ $R := \frac{BG}{AB}$ $\frac{N^2}{N^2 - N + 1} - R = 0$

CSNE2D(NM1)



$AB := 1 \quad BC := AB$

$AE := 5 \quad BF := AE \quad N := \frac{AE}{AB}$

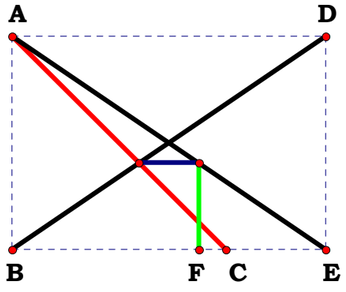


$BH := \frac{BC}{2} \quad FH := BF - BH \quad BK := \frac{BH \cdot BF}{FH} \quad AK := AB - BK \quad MN := AK$

$EN := \frac{AE \cdot MN}{AB} \quad AN := AE - EN \quad BG := \frac{AN \cdot AB}{MN}$

$R := \frac{BG}{AB} \quad \frac{N^2}{N-1} - R = 0$

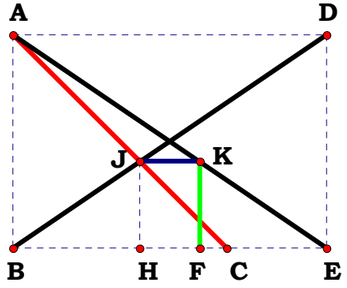
CSNE2D(NP1)



$AB := 1$

$AD := 6$

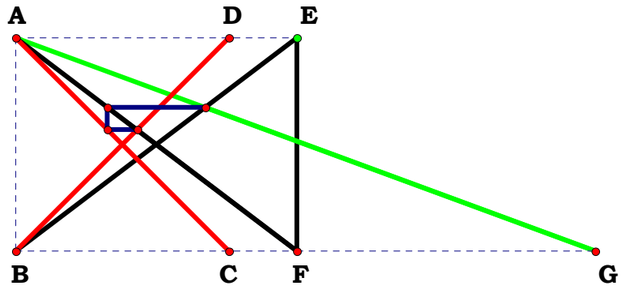
$N := \frac{AD}{AB}$



$HJ := \frac{AB^2}{AB + AD}$ $EF := \frac{AD \cdot HJ}{AB}$ $BF := AD - EF$

$R := \frac{BF}{AB}$ $\frac{N^2}{N+1} - R = 0$

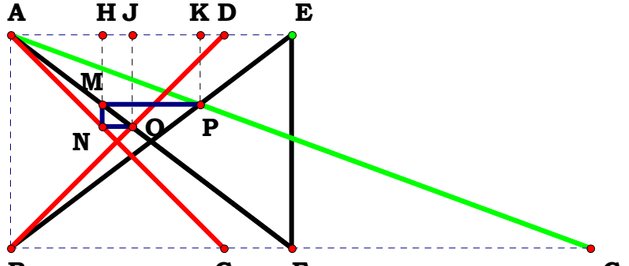
CSNE3PNE2MN



$AB := 1$ $\quad EF := AB$

$AD := AB$

$AE := 5$ $\quad N := \frac{AE}{AB}$

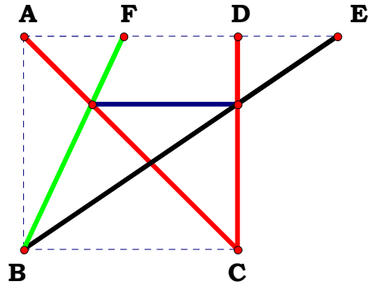


$JO := \frac{EF \cdot AB}{AE + AB}$ $\quad AJ := AD - JO$ $\quad HM := \frac{JO^2}{AJ}$

$EK := \frac{AE \cdot HM}{EF}$ $\quad AK := AE - EK$ $\quad BG := \frac{AK \cdot AB}{HM}$

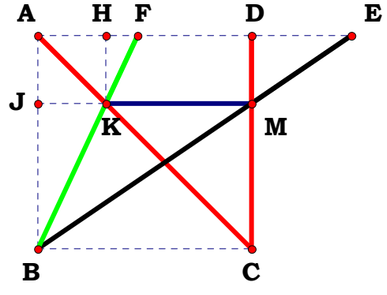
$R := \frac{BG}{AB}$ $\quad \left(N^3 + N^2 - N\right) - R = 0$

CSNM1



$AB := 1$ $AD := AB$

$AE := 5$ $N := \frac{AE}{AB}$

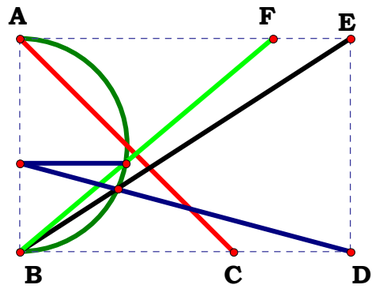


$ED := AE - AD$ $DM := \frac{AB \cdot ED}{AE}$ $BJ := AB - DM$

$JK := DM$ $AF := \frac{JK \cdot AB}{BJ}$

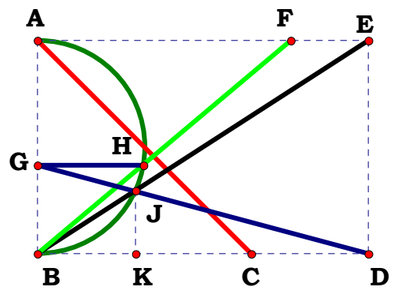
$R := \frac{AF}{AB}$ $N - 1 - R = 0$

SM(NE2M1)E(1D2)



$$AB := 1$$

$$AE := 6 \qquad N := \frac{AE}{AB}$$

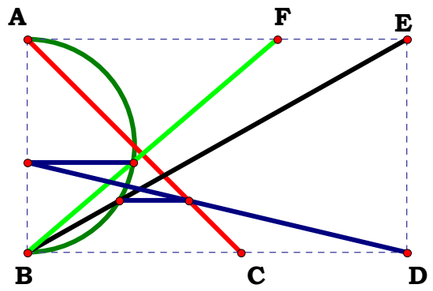


$$BE := \sqrt{AB^2 + AE^2} \qquad BJ := \frac{AB^2}{BE} \qquad JK := \frac{AB \cdot BJ}{BE} \qquad BK := \frac{AE \cdot BJ}{BE}$$

$$DK := AE - BK \qquad BG := \frac{JK \cdot AE}{DK} \qquad GH := \sqrt{(AB - BG) \cdot BG}$$

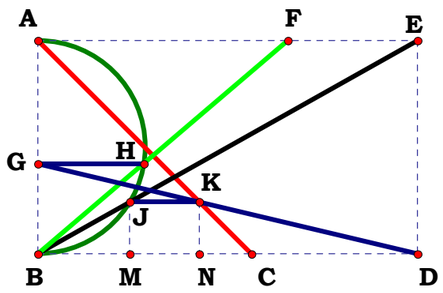
$$AF := \frac{GH \cdot AB}{BG} \qquad R := \frac{AF}{AB} \qquad \sqrt{N^2 - 1} - R = 0$$

SM(NE2MN)E(1D2)



$AB := 1$

$AE := 7$ $N := \frac{AE}{AB}$



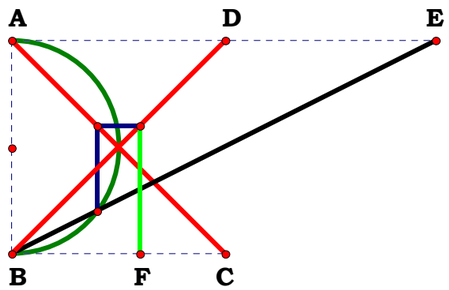
$BE := \sqrt{AB^2 + AE^2}$ $BJ := \frac{AB^2}{BE}$ $JM := \frac{AB \cdot BJ}{BE}$ $KN := JM$

$CN := KN$ $DN := AE - AB + CN$ $BG := \frac{KN \cdot AE}{DN}$

$GH := \sqrt{(AB - BG) \cdot BG}$ $AF := \frac{GH \cdot AB}{BG}$ $R := \frac{AF}{AB}$

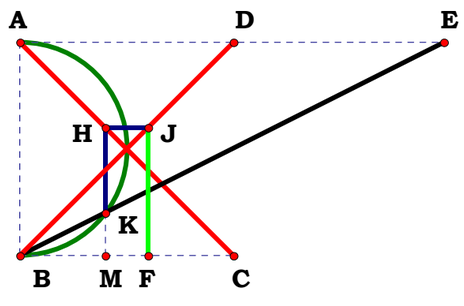
$\sqrt{N^2 - N} - R = 0$

SM(NE2MNP1)D(NE2P1)



$AB := 1$

$AE := 7$ $N := \frac{AE}{AB}$

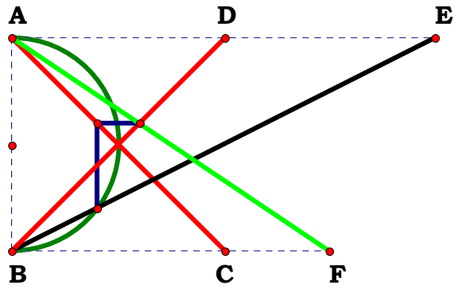


$BE := \sqrt{AB^2 + AE^2}$ $BK := \frac{AB^2}{BE}$ $BM := \frac{AE \cdot BK}{BE}$

$CM := AB - BM$ $BF := CM$ $R := \frac{BF}{AB}$

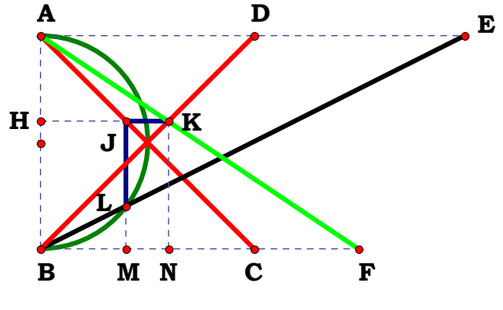
$\frac{N^2 - N + 1}{N^2 + 1} - R = 0$

SM(NE2MNP1)DN



$AB := 1$

$AE := 7 \quad N := \frac{AE}{AB}$

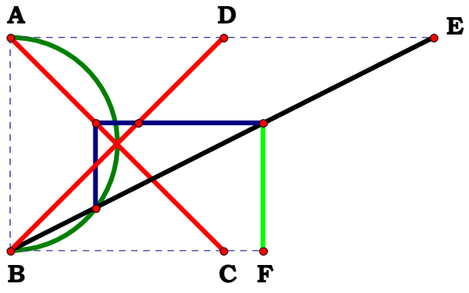


$BE := \sqrt{AB^2 + AE^2} \quad BL := \frac{AB^2}{BE} \quad BM := \frac{AE \cdot BL}{BE}$

$CM := AB - BM \quad BN := CM \quad BF := \frac{BN \cdot AB}{AB - BN}$

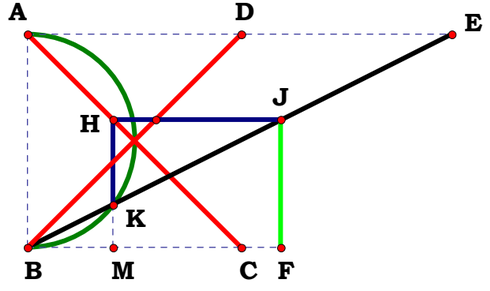
$R := \frac{BF}{AB} \quad \frac{N^2 - N + 1}{N} - R = 0$

SM(NE3MNE2PN)D(NE2P1)



$$AB := 1$$

$$AE := 7 \quad N := \frac{AE}{AB}$$

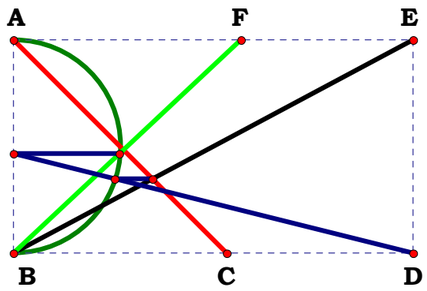


$$BE := \sqrt{AB^2 + AE^2} \qquad BK := \frac{AB^2}{BE} \qquad BM := \frac{AE \cdot BK}{BE}$$

$$CM := AB - BM \qquad FJ := CM \qquad BF := \frac{AE \cdot FJ}{AB} \qquad R := \frac{BF}{AB}$$

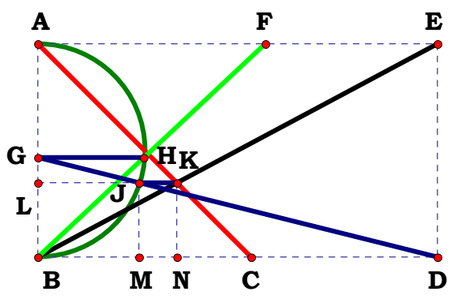
$$\frac{N^3 - N^2 + N}{N^2 + 1} - R = 0$$

SM(NM(1DNBE(1D2))E(1D2)



$AB := 1$

$AE := 7 \quad N := \frac{AE}{AB}$



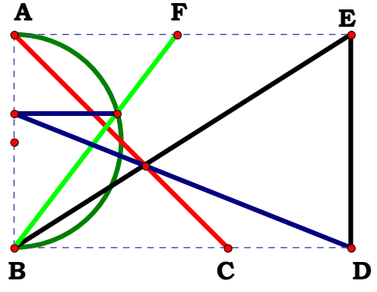
$KN := \frac{AB^2}{AB + AE} \qquad JL := \sqrt{(AB - KN) \cdot KN} \qquad BM := JL$

$DM := AE - BM \qquad BG := \frac{KN \cdot AE}{DM} \qquad GH := \sqrt{(AB - BG) \cdot BG}$

$AF := \frac{GH \cdot AB}{BG} \qquad R := \frac{AF}{AB} \qquad \sqrt{N - \sqrt{\frac{1}{N}}} - R = 0$

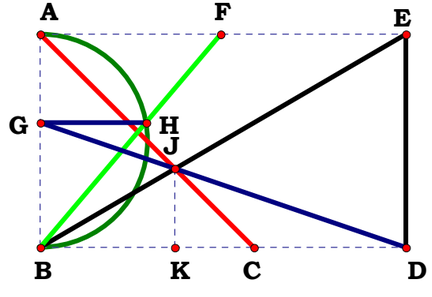
Note: Mathcad just could not do this one.

SM(NM1)E(1D2)



$AB := 1$

$AE := 7 \quad N := \frac{AE}{AB}$

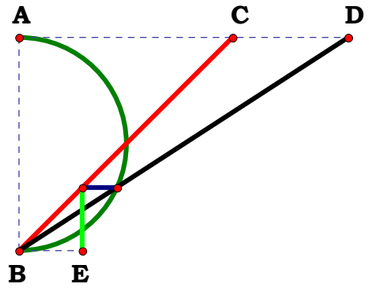


$JK := \frac{AB^2}{AB + AE} \qquad BK := \frac{AE \cdot JK}{AB} \qquad DK := AE - BK$

$BG := \frac{JK \cdot AE}{DK} \qquad GH := \sqrt{(AB - BG) \cdot BG} \qquad AF := \frac{GH \cdot AB}{BG}$

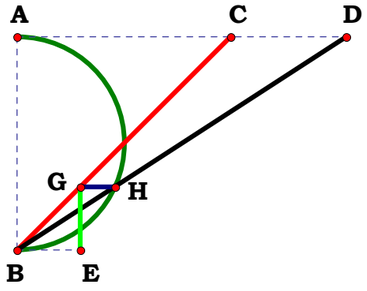
$R := \frac{AF}{AB} \qquad \sqrt{N - 1} - R = 0$

SM1D(NE2P1)



$AB := 1$

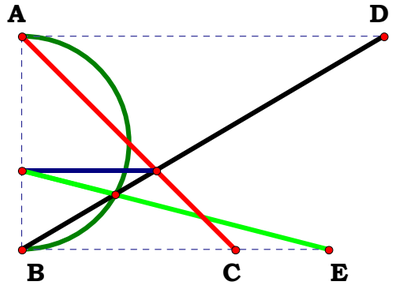
$AD := 6 \quad N := \frac{AD}{AB}$



$BD := \sqrt{AB^2 + AD^2} \quad BH := \frac{AB^2}{BD} \quad EG := \frac{AB \cdot BH}{BD}$

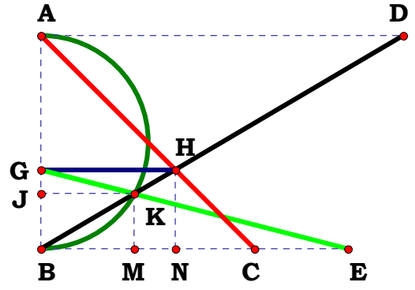
$BE := EG \quad R := \frac{BE}{AB} \quad \frac{1}{N^2 + 1} - R = 0$

SM1D(NM1)



$$AB := 1$$

$$AD := 7 \qquad N := \frac{AD}{AB}$$

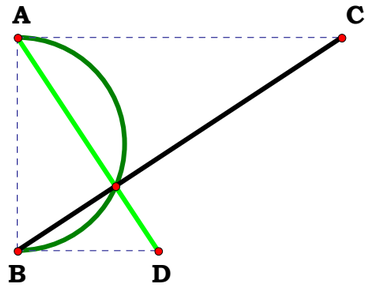


$$HN := \frac{AB^2}{AB + AD} \qquad BG := HN \qquad BD := \sqrt{AB^2 + AD^2} \qquad BK := \frac{AB^2}{BD}$$

$$KM := \frac{AB \cdot BK}{BD} \qquad BJ := KM \qquad GJ := BG - BJ \qquad BM := \frac{AD \cdot BK}{BD}$$

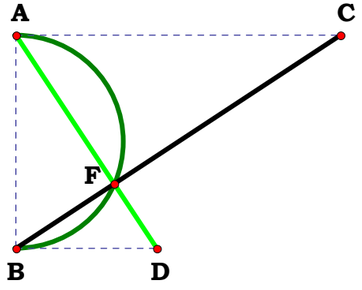
$$BE := \frac{BM \cdot BG}{GJ} \qquad R := \frac{BE}{AB} \qquad \frac{1}{N - 1} - R = 0$$

SM1DN



$AB := 1$

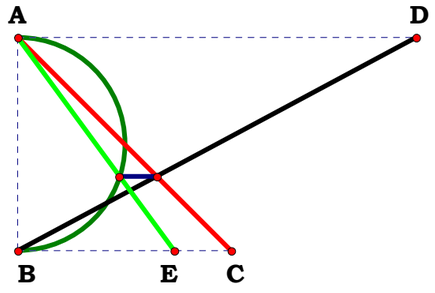
$AC := 6$ $\quad N := \frac{AC}{AB}$



$BD := \frac{AB^2}{AC}$ $\quad R := \frac{BD}{AB}$

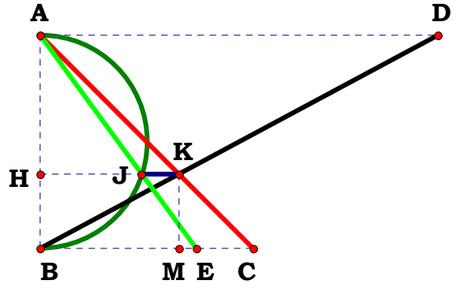
$\frac{1}{N} - R = 0$

SM1DNE(1D2)



$AB := 1$

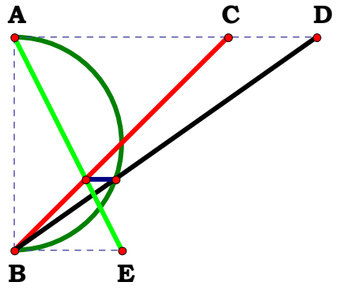
$AD := 7 \quad N := \frac{AD}{AB}$



$$KM := \frac{AB^2}{AB + AD} \qquad HJ := \sqrt{(AB - KM) \cdot KM} \qquad BE := \frac{HJ \cdot AB}{AB - KM}$$

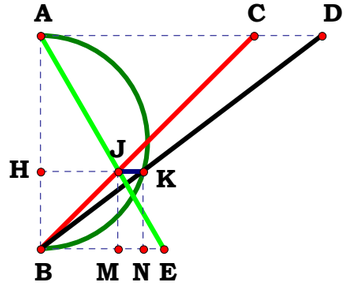
$$R := \frac{BE}{AB} \qquad \frac{1}{\sqrt{N}} - R = 0$$

SM1DNE2



$AB := 1$

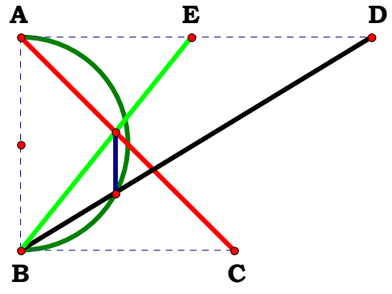
$AD := 5$ $\quad N := \frac{AD}{AB}$



$BD := \sqrt{AB^2 + AD^2}$ $\quad BK := \frac{AB^2}{BD}$ $\quad KN := \frac{AB \cdot BK}{BD}$ $\quad BM := KN$

$BE := \frac{BM \cdot AB}{AB - BM}$ $\quad R := \frac{BE}{AB}$ $\quad \frac{1}{N^2} - R = 0$

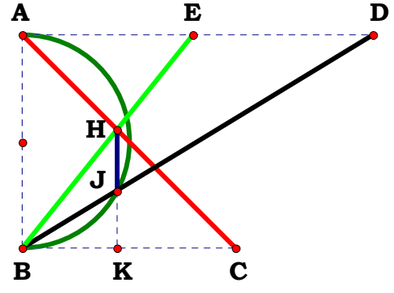
SMND(NE2MNP1)



$AB := 1$

$AD := 6$

$N := \frac{AD}{AB}$

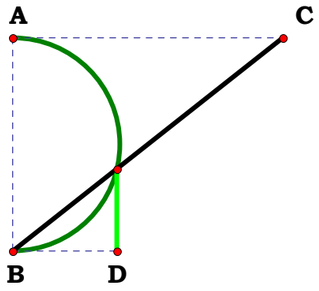


$BD := \sqrt{AB^2 + AD^2}$ $\quad BJ := \frac{AB^2}{BD}$ $\quad BK := \frac{AD \cdot BJ}{BD}$

$CK := AB - BK$ $\quad AE := \frac{BK \cdot AB}{CK}$ $\quad R := \frac{AE}{AB}$

$$\frac{N}{N^2 - N + 1} - R = 0$$

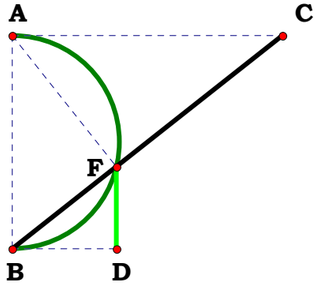
SMND(NE2P1)



$AB := 1$

$AC := 4$

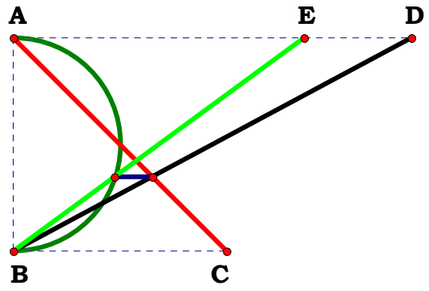
$N := \frac{AC}{AB}$



$BC := \sqrt{AC^2 + AB^2}$ $BF := \frac{AB^2}{BC}$ $BD := \frac{AC \cdot BF}{BC}$

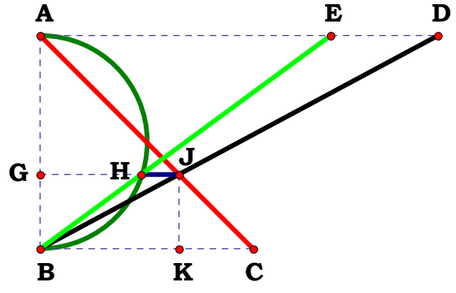
$R := \frac{BD}{AB}$ $\frac{N}{N^2 + 1} - R = 0$

SMNE(1D2)



$AB := 1$

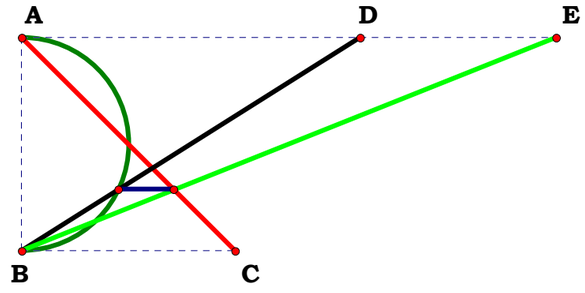
$AD := 7 \quad N := \frac{AD}{AB}$



$JK := \frac{AB^2}{AB + AD} \quad GH := \sqrt{(AB - JK) \cdot JK} \quad AE := \frac{GH \cdot AB}{JK}$

$R := \frac{AE}{AB} \quad \sqrt{N} - R = 0$

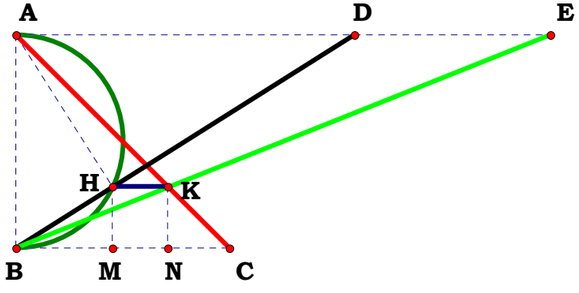
SMNE2



$AB := 1$

$AD := 6$

$N := \frac{AD}{AB}$

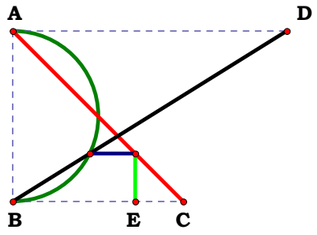


$BD := \sqrt{AB^2 + AD^2}$ $\quad BH := \frac{AB^2}{BD}$ $\quad HM := \frac{AB \cdot BH}{BD}$

$BN := AB - HM$ $\quad AE := \frac{BN \cdot AB}{HM}$ $\quad R := \frac{AE}{AB}$

$N^2 - R = 0$

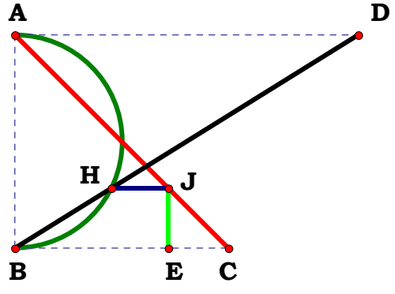
SMNE2D(NE2P1)



$$AB := 1$$

$$AD := 6$$

$$N := \frac{AD}{AB}$$

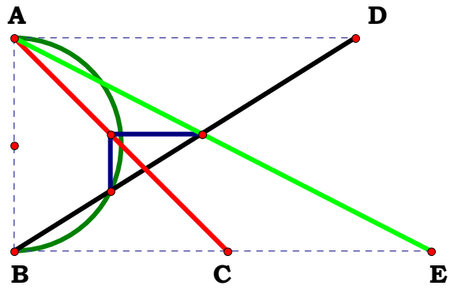


$$BD := \sqrt{AB^2 + AD^2} \qquad BH := \frac{AB^2}{BD} \qquad JE := \frac{AB \cdot BH}{BD}$$

$$BE := AB - JE \qquad R := \frac{BE}{AB}$$

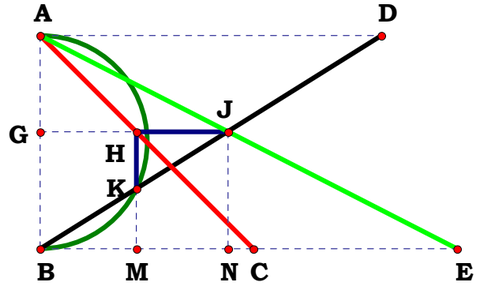
$$\frac{N^2}{N^2 + 1} - R = 0$$

SMNE2MNP1



$AB := 1$

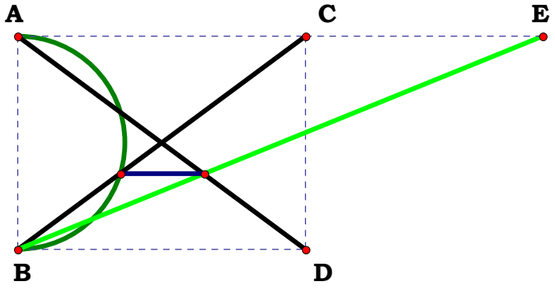
$AD := 6$ $\quad N := \frac{AD}{AB}$



$BD := \sqrt{AB^2 + AD^2}$ $\quad BK := \frac{AB^2}{BD}$ $\quad BM := \frac{AD \cdot BK}{BD}$ $\quad CM := AB - BM$

$BN := \frac{AD \cdot CM}{AB}$ $\quad BE := \frac{BN \cdot AB}{AB - CM}$ $\quad R := \frac{BE}{AB}$ $\quad N^2 - N + 1 - R = 0$

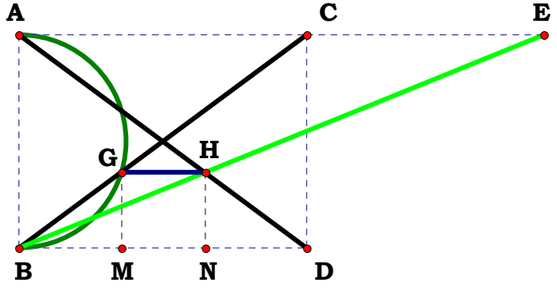
SMNE3



$AB := 1$

$AC := 5$

$N := \frac{AC}{AB}$

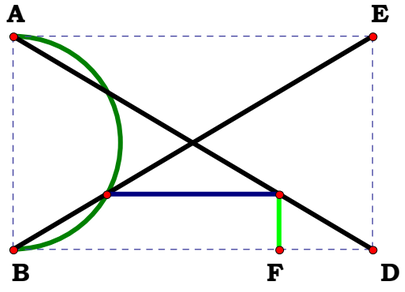


$BC := \sqrt{AB^2 + AC^2}$ $\quad BG := \frac{AB^2}{BC}$ $\quad BM := \frac{AC \cdot BG}{BC}$

$GM := \frac{AB \cdot BG}{BC}$ $\quad BN := AC - BM$ $\quad AE := \frac{BN \cdot AB}{GM}$

$R := \frac{AE}{AB}$ $\quad N^3 - R = 0$

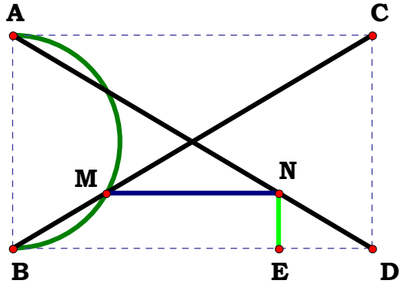
SMNE3D(NE2P1)



$AB := 1$

$AC := 7$

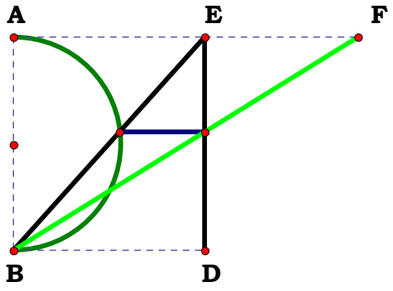
$N := \frac{AC}{AB}$



$BC := \sqrt{AB^2 + AC^2}$ $\quad BM := \frac{AB^2}{BC}$ $\quad DE := \frac{AC \cdot BM}{BC}$

$BE := AC - DE$ $\quad R := \frac{BE}{AB}$ $\quad \frac{N^3}{N^2 + 1} - R = 0$

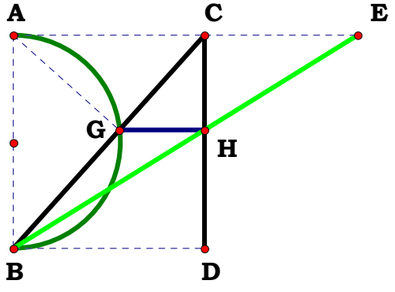
SMNE3PN



$$AB := 1$$

$$AC := 5$$

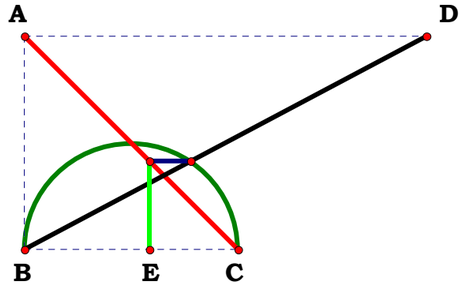
$$N := \frac{AC}{AB}$$



$$BC := \sqrt{AC^2 + AB^2} \qquad BG := \frac{AB^2}{BC} \qquad DH := \frac{AB \cdot BG}{BC}$$

$$AE := \frac{AC \cdot AB}{DH} \qquad R := \frac{AE}{AB} \qquad N^3 + N - R = 0$$

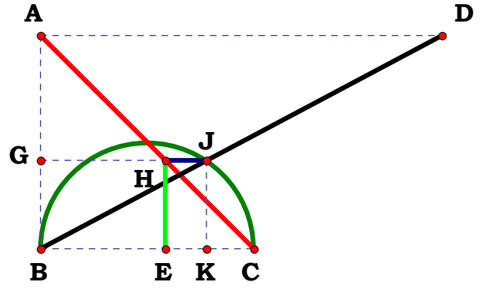
OB(NE2MNP1)D(NE2P1)



$AB := 1$

$AD := 7$

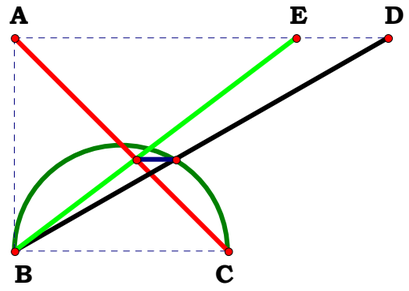
$N := \frac{AD}{AB}$



$BD := \sqrt{AB^2 + AD^2}$ $BJ := \frac{AB \cdot AD}{BD}$ $HE := \frac{AB \cdot BJ}{BD}$

$CE := HE$ $BE := AB - CE$ $R := \frac{BE}{AB}$ $\frac{N^2 - N + 1}{N^2 + 1} - R = 0$

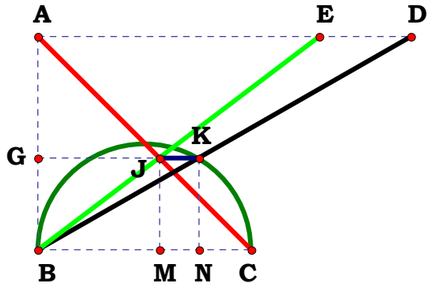
OB(NE2MNP1)DN



$AB := 1$

$AD := 7$

$N := \frac{AD}{AB}$

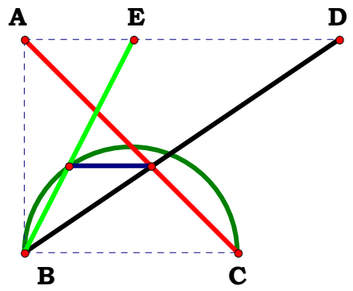


$BD := \sqrt{AB^2 + AD^2}$ $\quad BK := \frac{AB \cdot AD}{BD}$ $\quad KN := \frac{AB \cdot BK}{BD}$

$JM := KN$ $\quad BM := AB - JM$ $\quad AE := \frac{BM \cdot AB}{JM}$

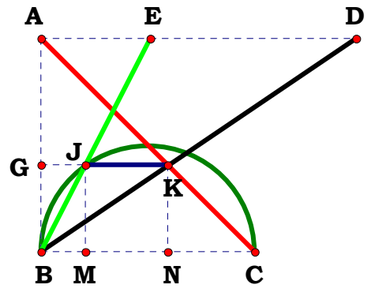
$R := \frac{AE}{AB}$ $\quad \frac{N^2 - N + 1}{N} - R = 0$

OB(NP1M((NP3)T(NM1))E(1D2)D2



$$AB := 1$$

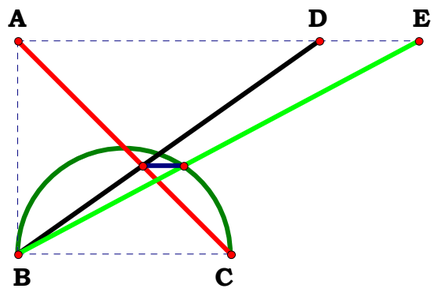
$$AD := 6 \qquad N := \frac{AD}{AB}$$



$$BN := \frac{AB \cdot AD}{AB + AD} \qquad KN := \frac{AB \cdot BN}{AD} \qquad BM := AB - \left[\frac{AB}{2} + \sqrt{\left(\frac{AB}{2}\right)^2 - KN^2}\right]$$

$$AE := \frac{BM \cdot AB}{KN} \qquad R := \frac{AE}{AB} \qquad \frac{N + 1 - \sqrt{(N+3)\cdot(N-1)}}{2} - R = 0$$

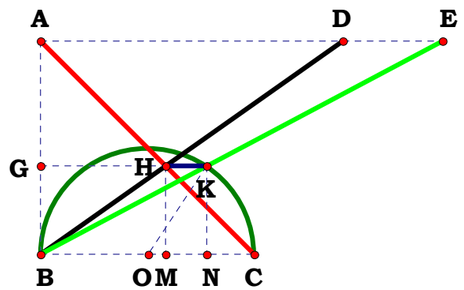
OB(NP1P((NP3)T(NM1))E(1D2)D2



$$AB := 1$$

$$AD := 8$$

$$N := \frac{AD}{AB}$$

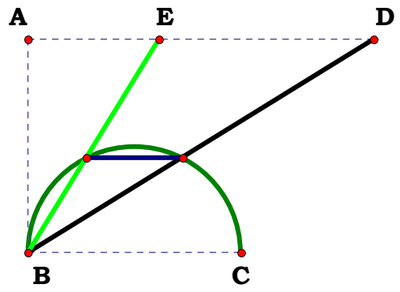


$$BM := \frac{AB \cdot AD}{AB + AD} \qquad CM := AB - BM$$

$$CN := AB - \left[\frac{AB}{2} + \sqrt{\left(\frac{AB}{2}\right)^2 - CM^2}\right] \qquad BN := AB - CN$$

$$AE := \frac{BN \cdot AB}{CM} \qquad R := \frac{AE}{AB} \qquad \frac{N + 1 + \sqrt{(N+3)\cdot(N-1)}}{2} - R = 0$$

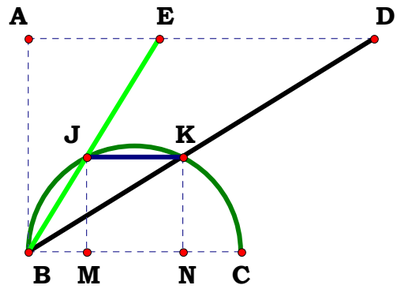
OB1DN



$AB := 1$

$AD := 6$

$N := \frac{AD}{AB}$

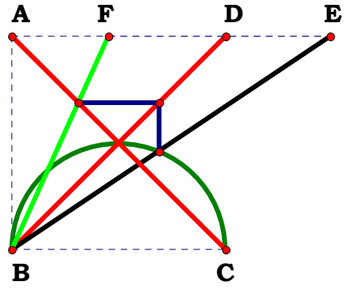


$BD := \sqrt{AB^2 + AD^2}$ $BK := \frac{AB \cdot AD}{BD}$ $BN := \frac{AD \cdot BK}{BD}$

$KN := \frac{AB \cdot BK}{BD}$ $BM := AB - BN$ $AE := \frac{BM \cdot AB}{KN}$

$R := \frac{AE}{AB}$ $\frac{1}{N} - R = 0$

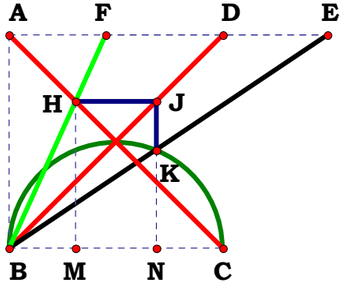
OB1DNE2



$AB := 1$

$AE := 6$

$N := \frac{AE}{AB}$

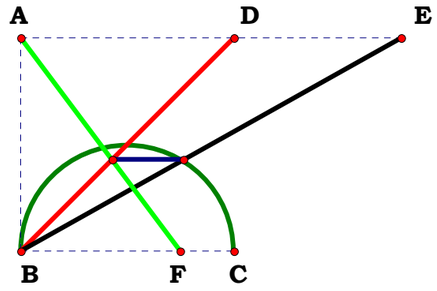


$BE := \sqrt{AB^2 + AE^2}$ $\quad BK := \frac{AB \cdot AE}{BE}$ $\quad BN := \frac{AE \cdot BK}{BE}$

$BM := AB - BN$ $\quad AF := \frac{BM \cdot AB}{BN}$ $\quad R := \frac{AF}{AB}$

$\frac{1}{N^2} - R = 0$

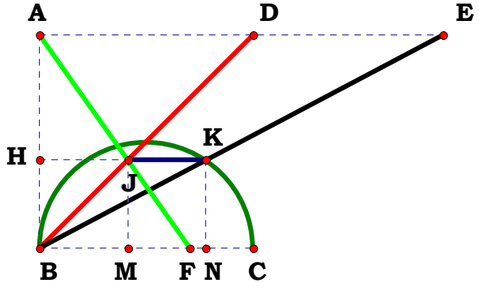
OBND(NE2MNP1)



$AB := 1$

$AE := 7$

$N := \frac{AE}{AB}$

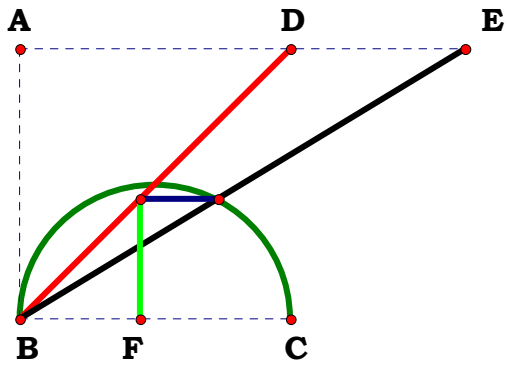


$BE := \sqrt{AB^2 + AE^2}$ $BK := \frac{AB \cdot AE}{BE}$ $KN := \frac{AB \cdot BK}{BE}$

$BM := KN$ $HJ := BM$ $BH := BM$ $AH := AB - BH$

$BF := \frac{HJ \cdot AB}{AH}$ $R := \frac{BF}{AB}$ $\frac{N}{N^2 - N + 1} - R = 0$

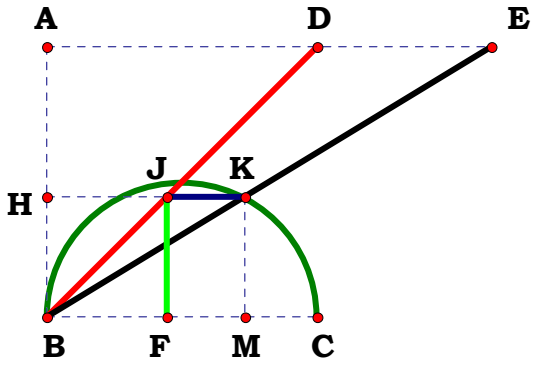
OBND(NE2P1)



$AB := 1$

$AE := 6$

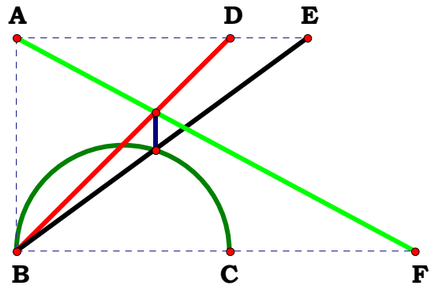
$N := \frac{AE}{AB}$



$BE := \sqrt{AB^2 + AE^2}$ $\quad BK := \frac{AB \cdot AE}{BE}$ $\quad KM := \frac{AB \cdot BK}{BE}$

$BF := KM$ $\quad R := \frac{BF}{AB}$ $\quad \frac{N}{N^2 + 1} - R = 0$

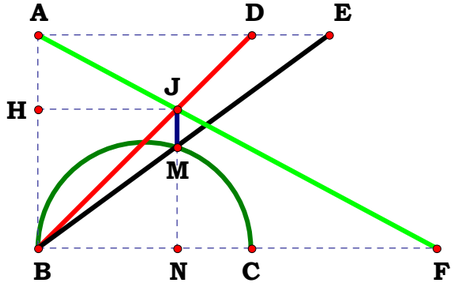
OBNE2_1



$AB := 1$

$AE := 5$

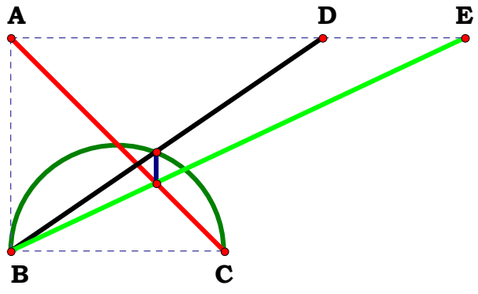
$N := \frac{AE}{AB}$



$BE := \sqrt{AB^2 + AE^2}$ $\quad BM := \frac{AB \cdot AE}{BE}$ $\quad BN := \frac{AE \cdot BM}{BE}$

$BF := \frac{BN \cdot AB}{AB - BN}$ $\quad R := \frac{BF}{AB}$ $\quad N^2 - R = 0$

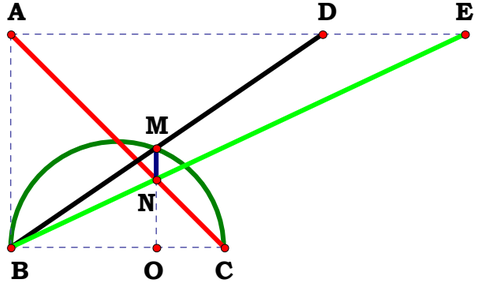
OBNE2_2



$AB := 1$

$AD := 6$

$N := \frac{AD}{AB}$

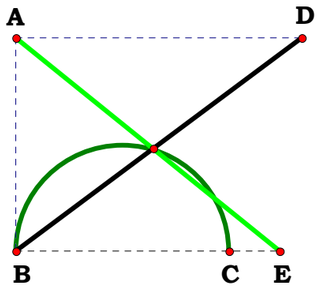


$BD := \sqrt{AB^2 + AD^2}$ $\quad BM := \frac{AB \cdot AD}{BD}$ $\quad BO := \frac{AD \cdot BM}{BD}$

$CO := AB - BO$ $\quad NO := CO$ $\quad AE := \frac{BO \cdot AB}{NO}$ $\quad R := \frac{AE}{AB}$

$N^2 - R = 0$

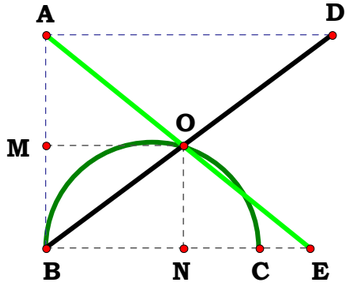
OBNE2D(NE2MNP1)



$$AB := 1$$

$$AD := 5$$

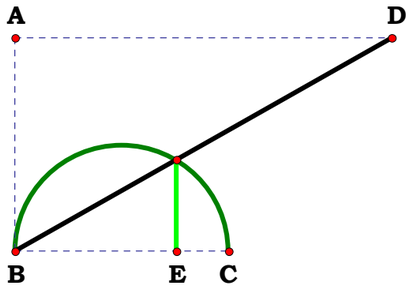
$$N := \frac{AD}{AB}$$



$$BD := \sqrt{AB^2 + AD^2} \qquad BO := \frac{AD \cdot AB}{BD} \qquad MO := \frac{AD \cdot BO}{BD}$$

$$BM := \frac{AB \cdot BO}{BD} \qquad BE := \frac{MO \cdot AB}{AB - BM} \qquad R := \frac{BE}{AB} \qquad \frac{N^2}{N^2 - N + 1} - R = 0$$

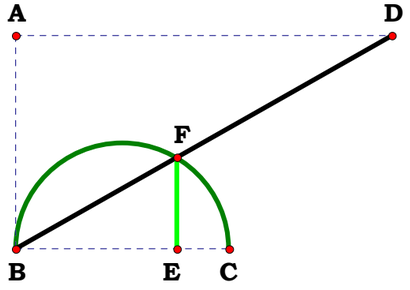
OBNE2D(NE2P1)



$AB := 1$

$AD := 7$

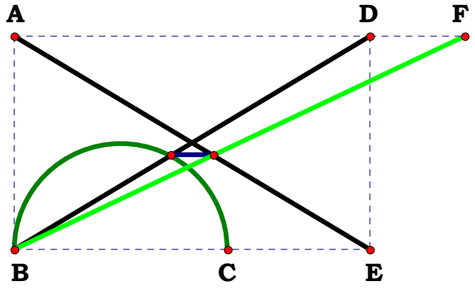
$N := \frac{AD}{AB}$



$BD := \sqrt{AB^2 + AD^2}$ $\quad BF := \frac{AD \cdot AB}{BD}$ $\quad BE := \frac{AD \cdot BF}{BD}$

$R := \frac{BE}{AB}$ $\quad \frac{N^2}{N^2 + 1} - R = 0$

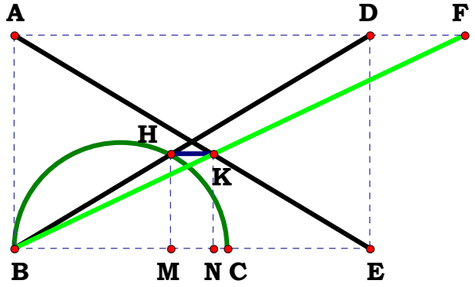
OBNE2MNP1



$AB := 1$

$AD := 6$

$N := \frac{AD}{AB}$

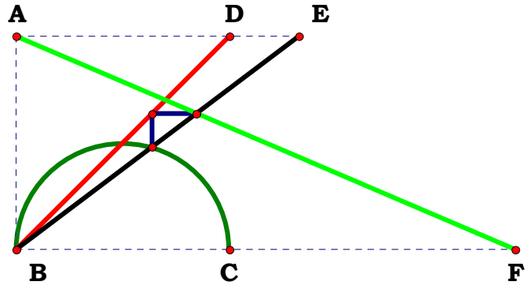


$BD := \sqrt{AB^2 + AD^2}$ $BH := \frac{AB \cdot AD}{BD}$ $HM := \frac{AB \cdot BH}{BD}$

$BM := \frac{AD \cdot BH}{BD}$ $BN := AD - BM$ $AF := \frac{BN \cdot AB}{HM}$

$R := \frac{AF}{AB}$ $N^2 - N + 1 - R = 0$

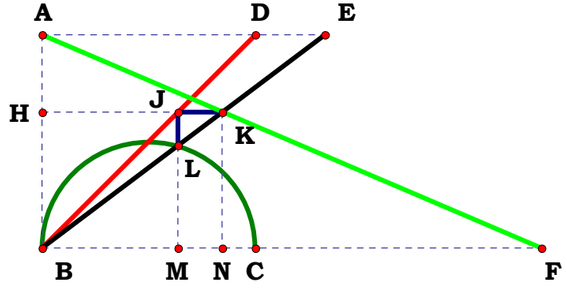
OBNE3



$AB := 1$

$AE := 5$

$N := \frac{AE}{AB}$

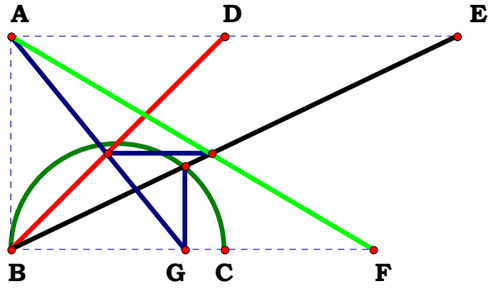


$BE := \sqrt{AB^2 + AE^2}$ $\quad BL := \frac{AB \cdot AE}{BE}$ $\quad BM := \frac{AE \cdot BL}{BE}$

$BN := \frac{AE \cdot BM}{AB}$ $\quad BF := \frac{BN \cdot AB}{AB - BM}$

$R := \frac{BF}{AB}$ $\quad N^3 - R = 0$

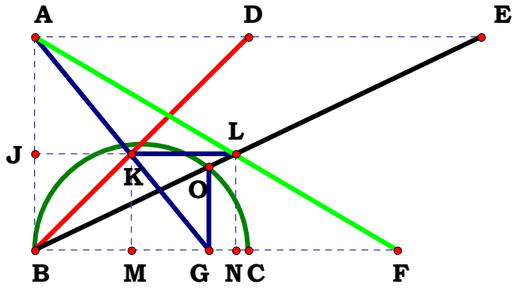
OBNE3D(NE2P1)



$AB := 1$

$AE := 8$

$N := \frac{AE}{AB}$

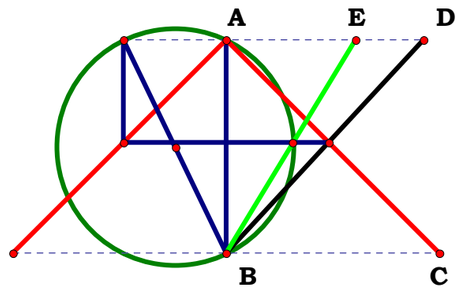


$BE := \sqrt{AB^2 + AE^2}$ $\quad BO := \frac{AB \cdot AE}{BE}$ $\quad BG := \frac{AE \cdot BO}{BE}$

$BM := \frac{AB \cdot BG}{AB + BG}$ $\quad BN := \frac{AE \cdot BM}{AB}$ $\quad BF := \frac{BN \cdot AB}{AB - BM}$

$R := \frac{BF}{AB}$ $\quad \frac{N^3}{N^2 + 1} - R = 0$

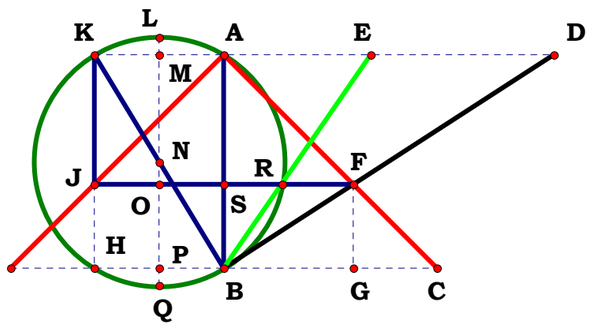
RS((NE2P4TN)E(1D2)MN)D2



$$AB := 1$$

$$AD := 6$$

$$N := \frac{AD}{AB}$$



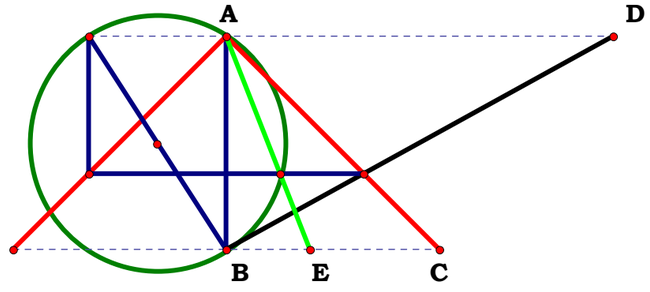
$$BG := \frac{AB \cdot AD}{AB + AD} \qquad BH := BG \qquad BK := \sqrt{BH^2 + AB^2} \qquad LQ := BK$$

$$PQ := \frac{BK - AB}{2} \qquad FG := \frac{AB \cdot BG}{AD} \qquad OQ := FG + PQ \qquad OL := LQ - OQ$$

$$OR := \sqrt{OQ \cdot OL} \qquad RS := OR - \frac{BH}{2} \qquad AE := \frac{RS \cdot AB}{FG} \qquad R := \frac{AE}{AB}$$

$$\frac{\sqrt{N^2 + 4 \cdot N} - N}{2} - R = 0$$

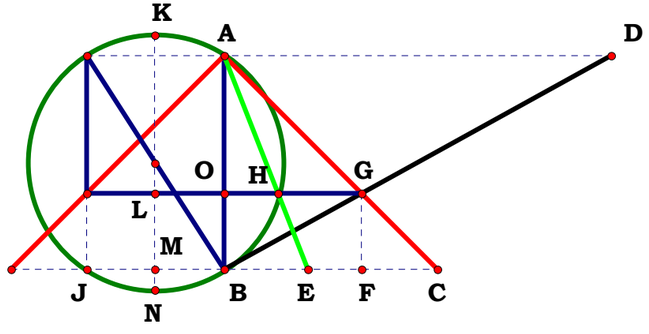
RS((NE2P4TN)MN)D(2TN)



$AB := 1$

$AD := 7$

$N := \frac{AD}{AB}$

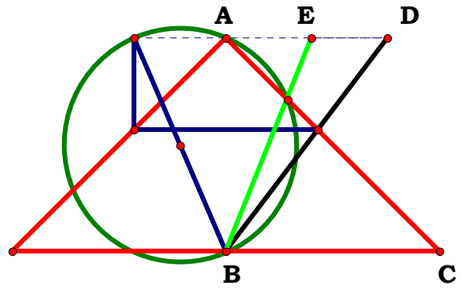


$BF := \frac{AB \cdot AD}{AB + AD}$ $BJ := BF$ $KN := \sqrt{BJ^2 + AB^2}$ $MN := \frac{KN - AB}{2}$

$FG := \frac{AB \cdot BF}{AD}$ $LN := FG + MN$ $KL := KN - LN$ $LH := \sqrt{LN \cdot KL}$

$HO := LH - \frac{BJ}{2}$ $BE := \frac{HO \cdot AB}{AB - FG}$ $R := \frac{BE}{AB}$ $\frac{\sqrt{N^2 + 4 \cdot N}}{2 \cdot N} - \frac{1}{2} - R = 0$

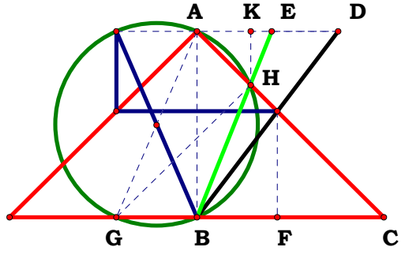
RS1D(2TNP1)



$AB := 1$

$AD := 6$

$N := \frac{AD}{AB}$

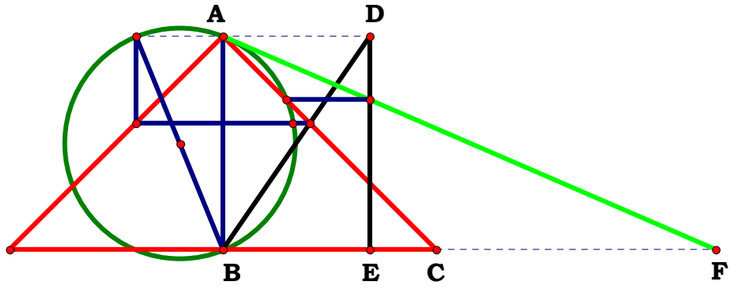


$BF := \frac{AB \cdot AD}{AB + AD}$ $BG := BF$ $AG := \sqrt{BG^2 + AB^2}$ $AC := \sqrt{2 \cdot AB^2}$

$CG := AB + BF$ $AH := \frac{AC^2 + AG^2 - CG^2}{2 \cdot AC}$ $AK := \frac{AB \cdot AH}{AC}$ $AE := \frac{AK \cdot AB}{AB - AK}$

$R := \frac{AE}{AB}$ $\frac{1}{2 \cdot N + 1} - R = 0$

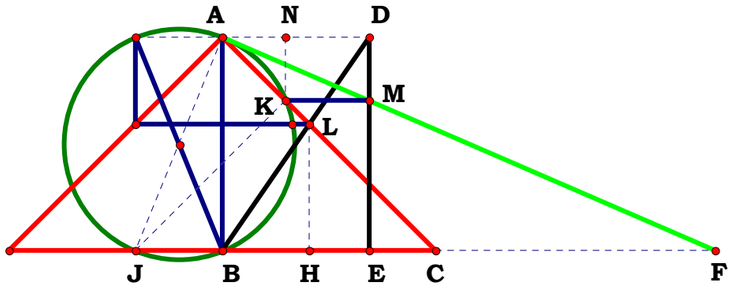
RS2TNE2P2TN



$$AB := 1$$

$$AD := 5$$

$$N := \frac{AD}{AB}$$



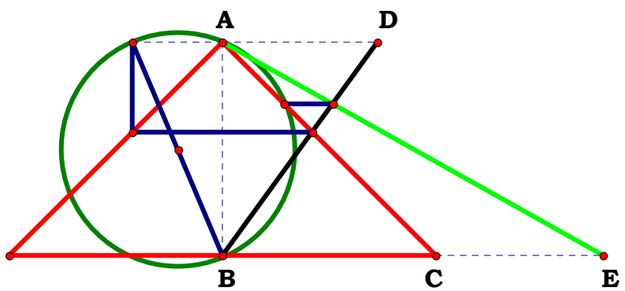
$$BH := \frac{AB \cdot AD}{AB + AD} \qquad BJ := BH \qquad CJ := AB + BJ$$

$$AC := \sqrt{2 \cdot AB^2} \qquad AJ := \sqrt{AB^2 + BJ^2}$$

$$AK := \frac{AC^2 + AJ^2 - CJ^2}{2 \cdot AC} \qquad AN := \frac{AB \cdot AK}{AC}$$

$$BF := \frac{AD \cdot AB}{AN} \qquad R := \frac{BF}{AB} \qquad 2 \cdot N^2 + 2 \cdot N - R = 0$$

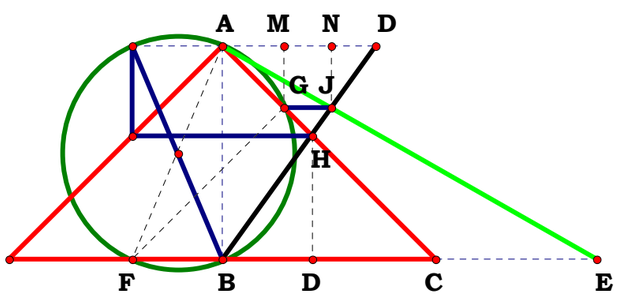
RS2TNE2PN



$$AB := 1$$

$$AD := 7$$

$$N := \frac{AD}{AB}$$



$$BD := \frac{AB \cdot AD}{AB + AD} \qquad BF := BD \qquad AF := \sqrt{BF^2 + AB^2} \qquad AC := \sqrt{2 \cdot AB^2}$$

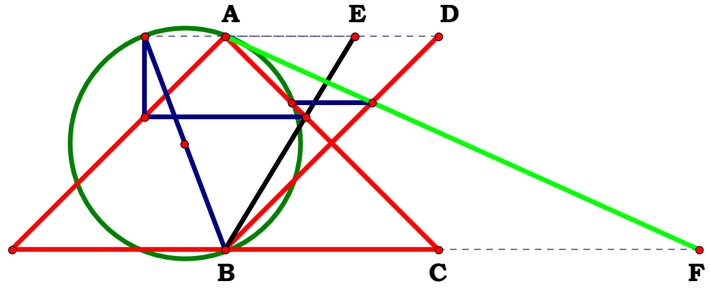
$$CF := AB + BF \qquad AG := \frac{AF^2 + AC^2 - CF^2}{2 \cdot AC} \qquad AM := \frac{AB \cdot AG}{AC}$$

$$DN := \frac{AD \cdot AM}{AB} \qquad AN := AD - DN \qquad BE := \frac{AN \cdot AB}{AM} \qquad R := \frac{BE}{AB}$$

For AG see The Delian Quest 1993 0108.

$$N \cdot (2 \cdot N + 1) - R = 0 \qquad 2 \cdot N^2 + N - R = 0$$

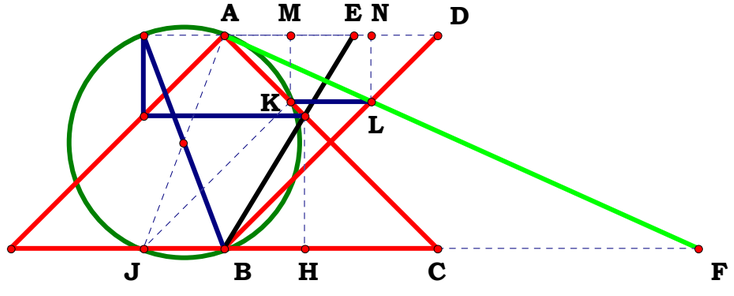
RS2TNP1



$$AB := 1$$

$$AE := 7$$

$$N := \frac{AE}{AB}$$



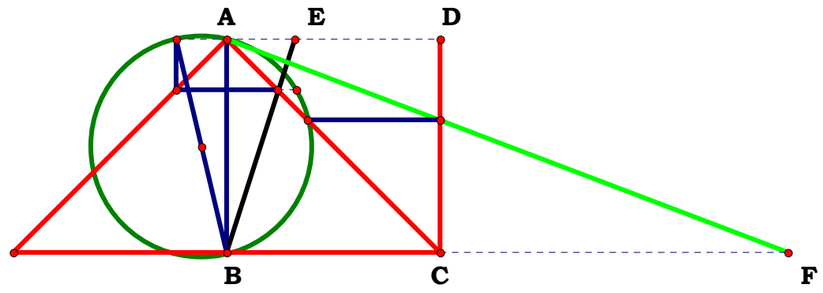
$$BH := \frac{AB \cdot AE}{AB + AE} \quad BJ := BH \quad AC := \sqrt{2 \cdot AB^2} \quad CJ := AB + BJ$$

$$AJ := \sqrt{BJ^2 + AB^2} \quad AK := \frac{AC^2 + AJ^2 - CJ^2}{2 \cdot AC} \quad AM := \frac{AB \cdot AK}{AC}$$

$$DN := AM \quad AN := AB - DN \quad BF := \frac{AN \cdot AB}{AM} \quad R := \frac{BF}{AB}$$

$$2 \cdot N + 1 - R = 0$$

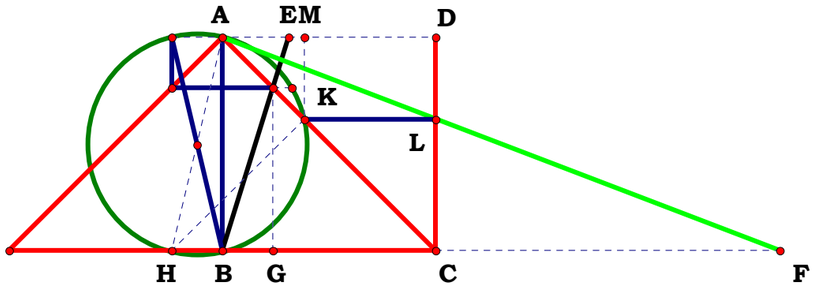
RS2TNP2



$$AB := 1$$

$$AE := 5$$

$$N := \frac{AE}{AB}$$



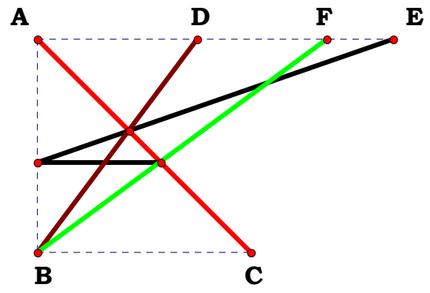
$$BG := \frac{AB \cdot AE}{AB + AE} \qquad BH := BG \qquad CH := AB + BH$$

$$AH := \sqrt{AB^2 + BH^2} \qquad AC := \sqrt{2 \cdot AB^2}$$

$$AK := \frac{AC^2 + AH^2 - CH^2}{2 \cdot AC} \qquad AM := \frac{AB \cdot AK}{AC}$$

$$BF := \frac{AB^2}{AM} \qquad R := \frac{BF}{AB} \qquad 2 \cdot N + 2 - R = 0$$

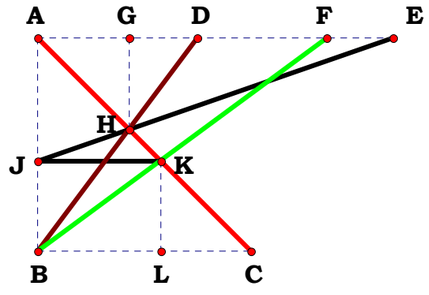
CS(N1TN2)D(N1MN2)



$AB := 1$

$AD := 4$ $\quad N_1 := \frac{AD}{AB}$

$AE := 6$ $\quad N_2 := \frac{AE}{AB}$

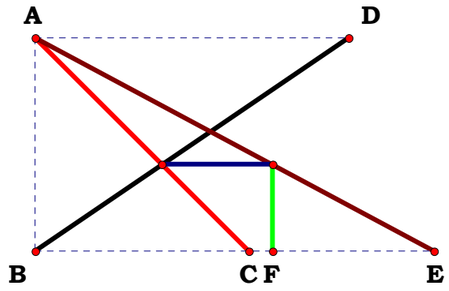


$GH := \frac{AB \cdot AD}{AB + AD}$ $\quad EG := AE - GH$ $\quad AJ := \frac{GH \cdot AE}{EG}$

$BJ := AB - AJ$ $\quad BL := AB - BJ$ $\quad AF := \frac{BL \cdot AB}{BJ}$

$R := \frac{AF}{AB}$ $\quad \frac{N_1 \cdot N_2}{N_2 - N_1} - R = 0$

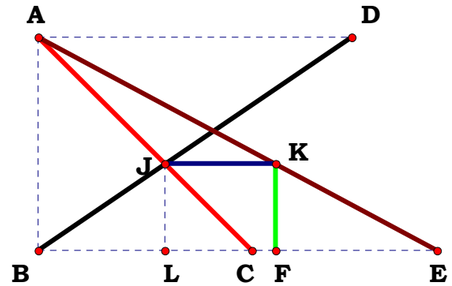
CS(N1TN2)D(N1P1)



$$AB := 3$$

$$AD := 5 \qquad N_1 := \frac{AD}{AB}$$

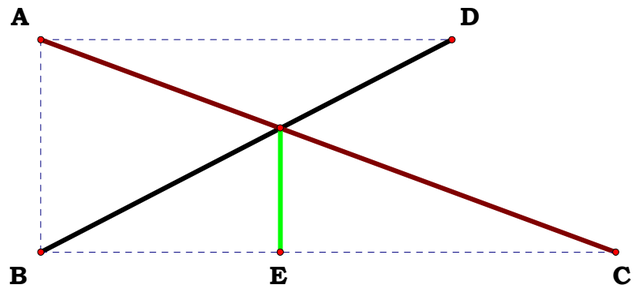
$$BE := 7 \qquad N_2 := \frac{BE}{AB}$$



$$JL := \frac{AB^2}{AB + AD} \qquad EF := \frac{BE \cdot JL}{AB} \qquad BF := BE - EF$$

$$R := \frac{BF}{AB} \qquad \frac{N_1 \cdot N_2}{N_1 + 1} - R = 0$$

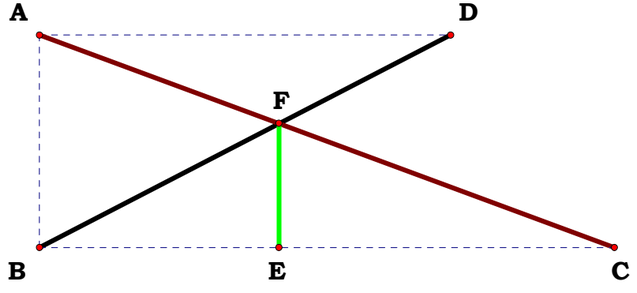
CS(N1TN2)D(N1PN2)



$AB := 1$

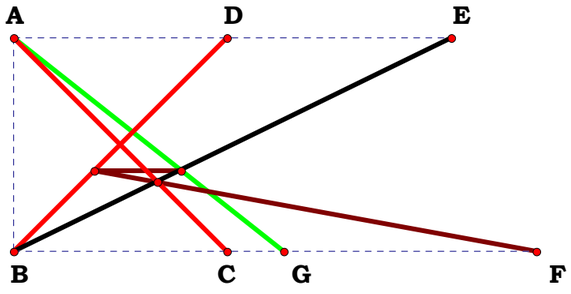
$AD := 7 \qquad N_1 := \frac{AD}{AB}$

$BC := 9 \qquad N_2 := \frac{BC}{AB}$



$$BE := \frac{AD \cdot BC}{AD + BC} \qquad R := \frac{BE}{AB} \qquad \frac{N_1 \cdot N_2}{N_1 + N_2} - R = 0$$

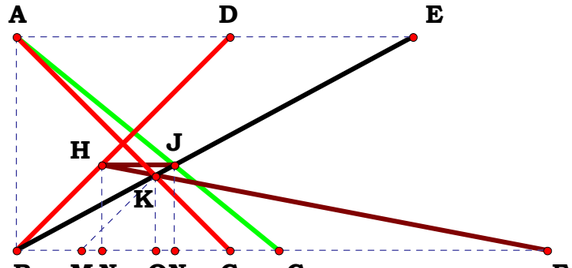
CS(N1TN2)D(N1TN2MN1P1)



$$AB := 1$$

$$AE := 7 \qquad N_1 := \frac{AE}{AB}$$

$$BF := 9 \qquad N_2 := \frac{BF}{AB}$$

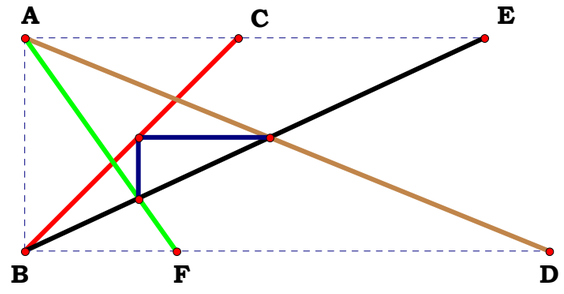


$$BO := \frac{AB \cdot AE}{AB + AE} \qquad CO := AB - BO \qquad FM := BF - AB + 2 \cdot CO$$

$$HN := \frac{CO \cdot BF}{FM} \qquad BN := \frac{AE \cdot HN}{AB} \qquad BG := \frac{BN \cdot AB}{AB - HN} \qquad R := \frac{BG}{AB}$$

$$\frac{N_1 \cdot N_2}{N_1 \cdot N_2 - N_1 + 1} - R = 0$$

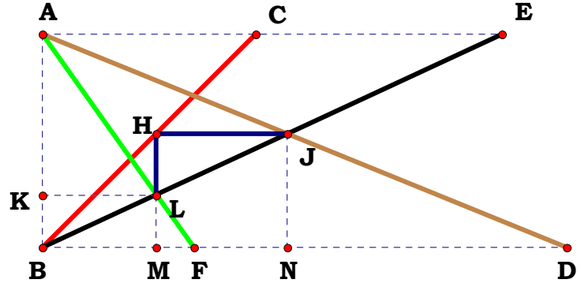
CS(N1TN2)D(N1TN2PN1E2MN2)



$$AB := 1$$

$$AE := 4 \qquad N_1 := \frac{AE}{AB}$$

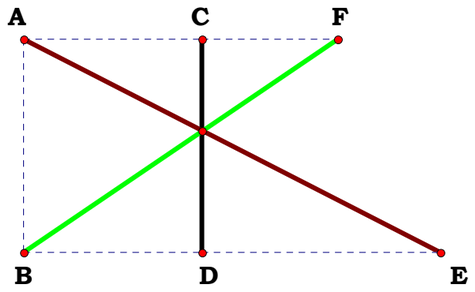
$$BD := 9 \qquad N_2 := \frac{BD}{AB}$$



$$JN := \frac{AB \cdot BD}{AE + BD} \qquad BM := JN \qquad LM := \frac{AB \cdot BM}{AE}$$

$$BF := \frac{BM \cdot AB}{AB - LM} \qquad R := \frac{BF}{AB} \qquad \frac{N_{.1} \cdot N_{.2}}{N_{.1} \cdot N_{.2} + N_{.1}^{\,2} - N_{.2}} - R = 0$$

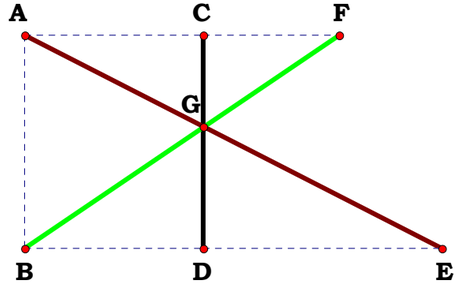
CS(N1TN2)D(N2MN1)



$AB := 1$

$AC := 5$ $\quad N_1 := \frac{AC}{AB}$

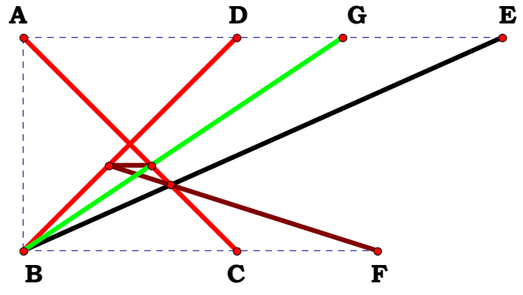
$BE := 7$ $\quad N_2 := \frac{BE}{AB}$



$DG := \frac{AB \cdot (BE - AC)}{BE}$ $\quad AF := \frac{AC \cdot AB}{DG}$ $\quad R := \frac{AF}{AB}$

$$\frac{N_1 \cdot N_2}{N_2 - N_1} - R = 0$$

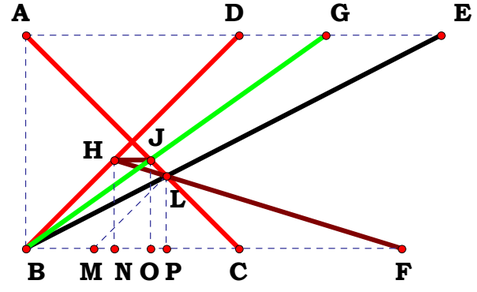
CS(N1TN2MN1P1)DN2



$AB := 1$

$AE := 7 \qquad N_1 := \frac{AE}{AB}$

$BF := 6 \qquad N_2 := \frac{BF}{AB}$

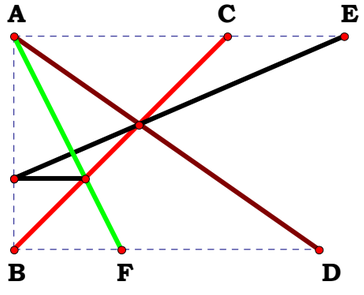


$BP := \frac{AE \cdot AB}{AB + AE} \qquad CP := AB - BP \qquad MO := CP \qquad LP := CP \qquad FP := BF - BP$

$FM := FP + MO \qquad HN := \frac{LP \cdot BF}{FM} \qquad BO := AB - HN \qquad AE := \frac{BO \cdot AB}{HN}$

$R := \frac{AE}{AB} \qquad \frac{N_1 \cdot N_2 - N_1 + 1}{N_2} - R = 0$

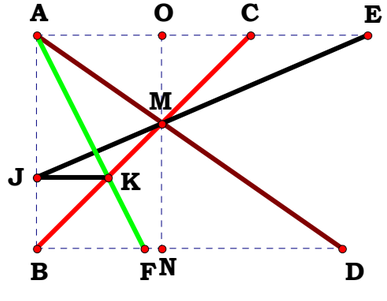
CS(N1TN2MN2)DN1



$AB := 1$

$AE := 6 \qquad N_1 := \frac{AE}{AB}$

$BD := 7 \qquad N_2 := \frac{BD}{AB}$

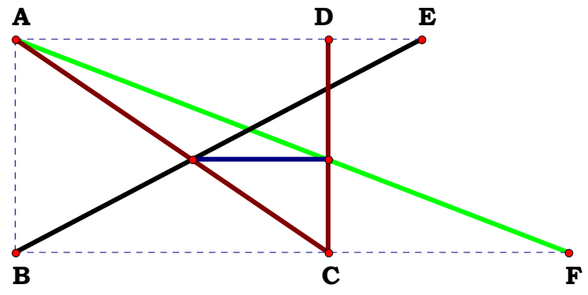


$MO := \frac{AB^2}{BD + AB} \qquad AO := \frac{AB \cdot BD}{AB + BD} \qquad AJ := \frac{MO \cdot AE}{AE - AO}$

$BJ := AB - AJ \qquad BF := \frac{BJ \cdot AB}{AB - BJ} \qquad R := \frac{BF}{AB}$

$$\frac{N_1 \cdot N_2 - N_2}{N_1} - R = 0$$

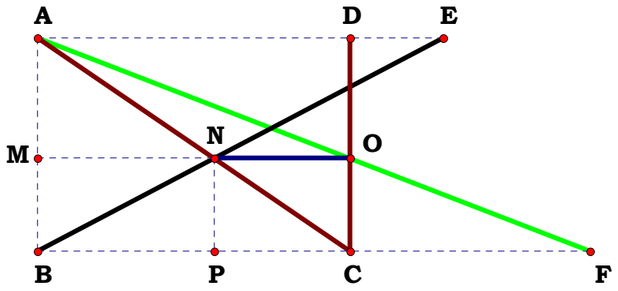
CS(N2E2PN1TN2)DN1



$AB := 1$

$AE := 7$ $\quad N_1 := \frac{AE}{AB}$

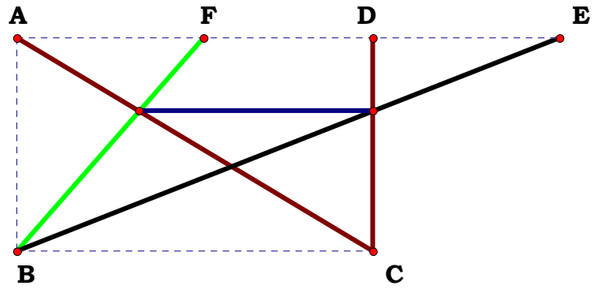
$BC := 5$ $\quad N_2 := \frac{BC}{AB}$



$$NP := \frac{AB \cdot BC}{BC + AE} \qquad BF := \frac{BC \cdot AB}{AB - NP}$$

$$R := \frac{BF}{AB} \qquad \frac{N_2^{\,2} + N_1 \cdot N_2}{N_1} - R = 0$$

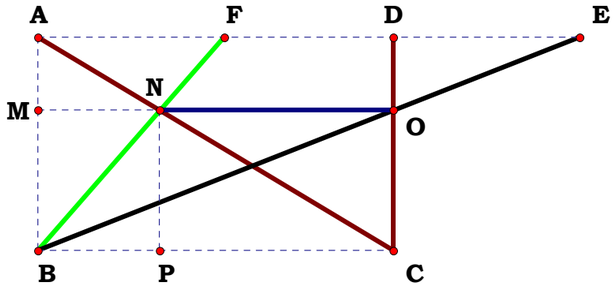
CSN1MN2



$AB := 1$

$AE := 9$ $\quad N_1 := \frac{AE}{AB}$

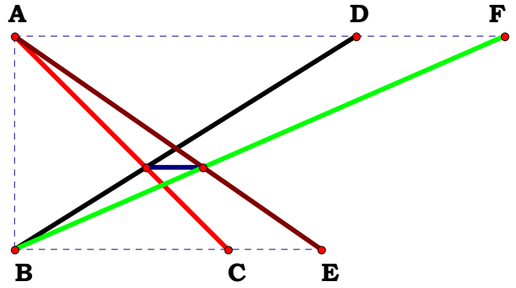
$BC := 6$ $\quad N_2 := \frac{BC}{AB}$



$CO := \frac{AB \cdot BC}{AE}$ $\quad CP := \frac{BC \cdot CO}{AB}$ $\quad BP := BC - CP$

$AF := \frac{BP \cdot AB}{CO}$ $\quad R := \frac{AF}{AB}$ $\quad N_1 - N_2 - R = 0$

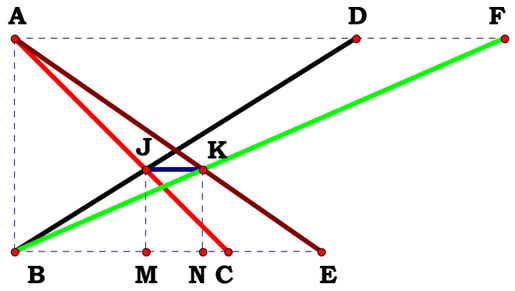
CSN1TN2



$AB := 1$

$AD := 5$ $\quad N_1 := \frac{AD}{AB}$

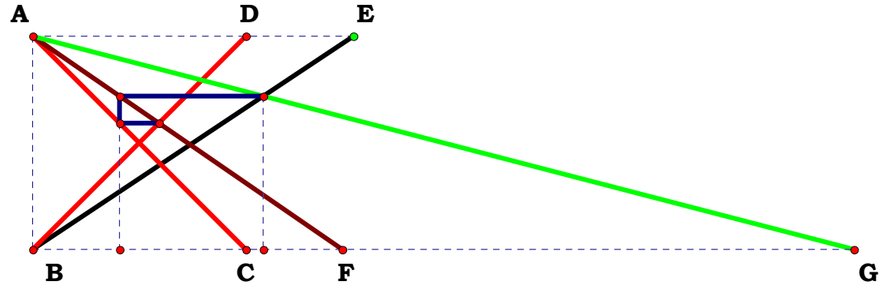
$BE := 8$ $\quad N_2 := \frac{BE}{AB}$



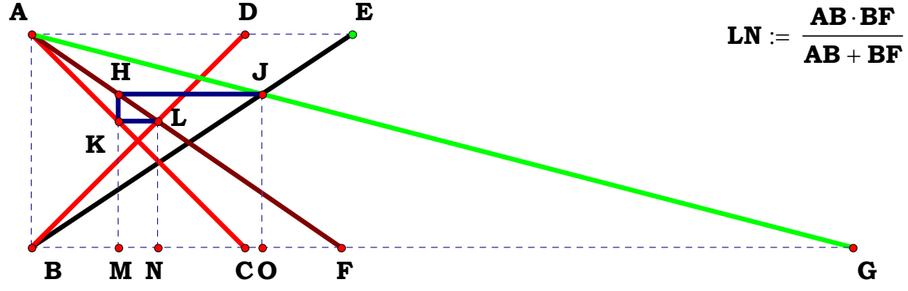
$JM := \frac{AB^2}{AB + AD}$ $\quad EN := \frac{BE \cdot JM}{AB}$ $\quad BN := BE - EN$

$AF := \frac{BN \cdot AB}{JM}$ $\quad R := \frac{AF}{AB}$ $\quad N_1 \cdot N_2 - R = 0$

CSN1TN2E2PN1TN2MN1



$$AB := 1$$
$$AE := 5$$
$$BF := 6$$
$$N_1 := \frac{AE}{AB}$$
$$N_2 := \frac{BF}{AB}$$

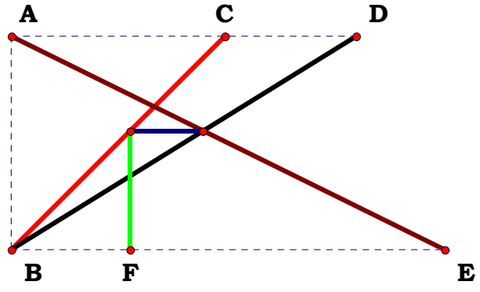


$$LN := \frac{AB \cdot BF}{AB + BF} \qquad BM := AB - LN \qquad HM := \frac{AB \cdot (BF - BM)}{BF}$$

$$BO := \frac{AE \cdot HM}{AB} \qquad BG := \frac{BO \cdot AB}{AB - HM}$$

$$R := \frac{BG}{AB} \qquad N_1 \cdot N_2^{\,2} + N_1 \cdot N_2 - N_1 - R = 0$$

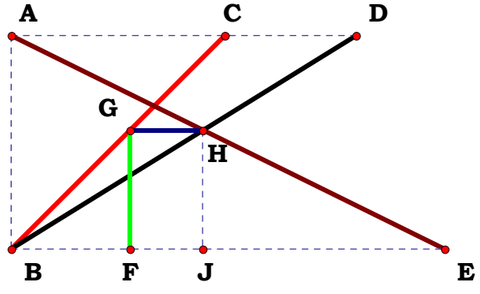
CSN2D(N1PN2)



$AB := 1$

$AD := 4$ $\quad N_1 := \frac{AD}{AB}$

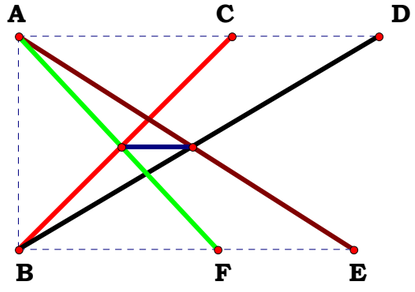
$BE := 6$ $\quad N_2 := \frac{BE}{AB}$



$$HJ := \frac{AB \cdot BE}{BE + AD} \qquad BF := HJ \qquad R := \frac{BF}{AB}$$

$$\frac{N_2}{N_1 + N_2} - R = 0$$

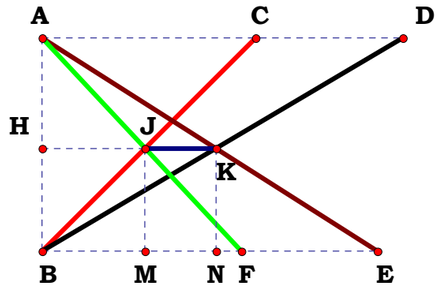
CSN2DN1



$AB := 1$

$AD := 6$ $\quad N_1 := \frac{AD}{AB}$

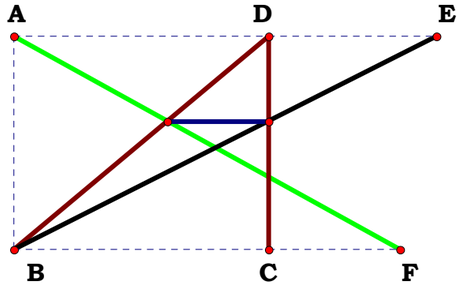
$BE := 9$ $\quad N_2 := \frac{BE}{AB}$



$KN := \frac{AB \cdot BE}{AD + BE}$ $\quad BF := \frac{KN \cdot AB}{AB - KN}$ $\quad R := \frac{BF}{AB}$

$\frac{N_2}{N_1} - R = 0$

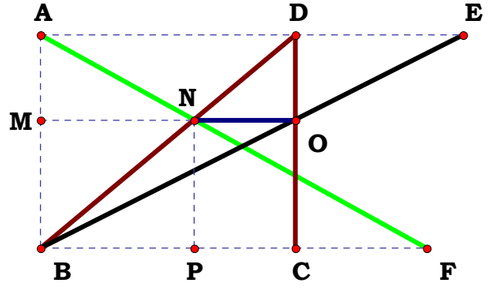
CSN2E2D(N1MN2)



$AB := 1$

$AE := 7$ $\quad N_1 := \frac{AE}{AB}$

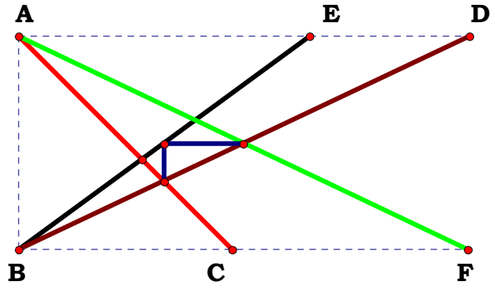
$AD := 4$ $\quad N_2 := \frac{AD}{AB}$



$DO := AB - \frac{AB \cdot AD}{AE}$ $\quad BM := AB - DO$ $\quad BP := \frac{AD \cdot BM}{AB}$

$BF := \frac{BP \cdot AB}{DO}$ $\quad R := \frac{BF}{AB}$ $\quad \frac{N_2^{\,2}}{N_1 - N_2} - R = 0$

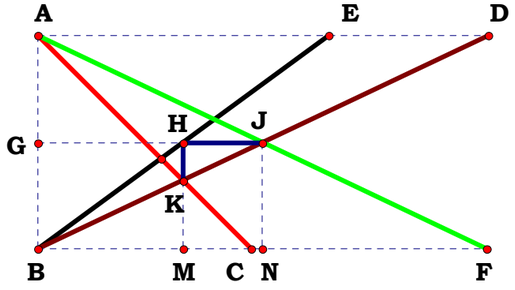
CSN2E2D(N1PN1TN2MN2)



$AB := 1$

$AE := 5$ $\quad N_1 := \frac{AE}{AB}$

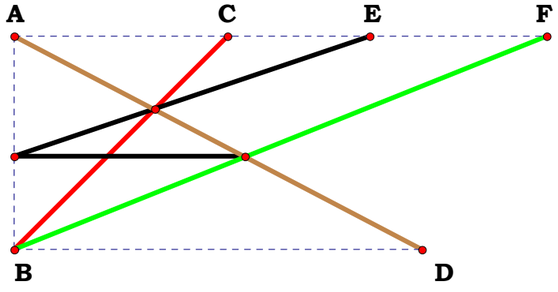
$AD := 8$ $\quad N_2 := \frac{AD}{AB}$



$BM := \frac{AB \cdot AD}{AB + AD}$ $\quad HM := \frac{AB \cdot BM}{AE}$ $\quad BN := \frac{AD \cdot HM}{AB}$

$BF := \frac{BN \cdot AB}{AB - HM}$ $\quad R := \frac{BF}{AB}$ $\quad \frac{N_2^{\,2}}{N_1 + N_1 \cdot N_2 - N_2} - R = 0$

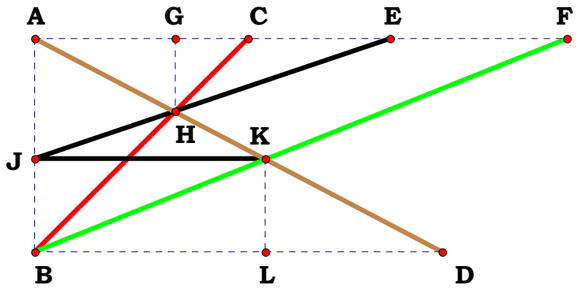
CSND(NM1)_3



$AB := 1$

$AE := 6 \qquad N_1 := \frac{AE}{AB}$

$BD := 88 \qquad N_2 := \frac{BD}{AB}$

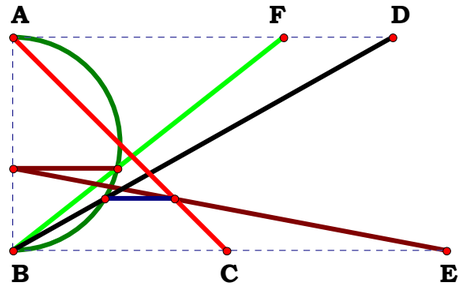


$GH := \frac{AB^2}{AB + BD} \qquad AG := \frac{BD \cdot GH}{AB} \qquad EG := AE - AG \qquad AJ := \frac{GH \cdot AE}{EG}$

$BJ := AB - AJ \qquad DL := \frac{BD \cdot BJ}{AB} \qquad BL := BD - DL \qquad AF := \frac{BL \cdot AB}{BJ}$

$R := \frac{AF}{AB} \qquad \frac{N_1}{N_1 - 1} - R = 0$

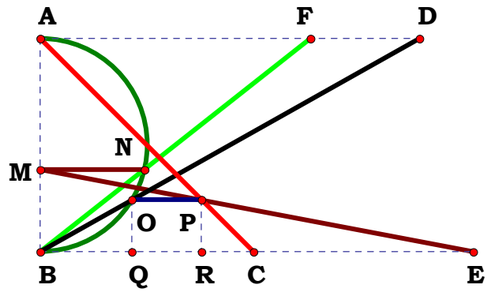
SM((N1E2TN2E2MN1E2TN2)E(1D2))DN2



$$AB := 1$$

$$AD := 6 \qquad N_1 := \frac{AD}{AB}$$

$$BE := 7 \qquad N_2 := \frac{BE}{AB}$$

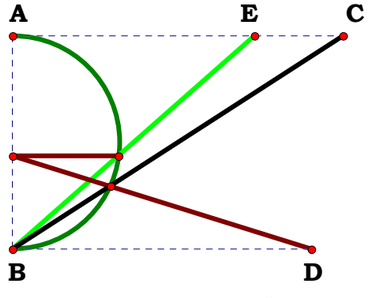


$$BD := \sqrt{AB^2 + AD^2} \qquad BO := \frac{AB^2}{BD} \qquad OQ := \frac{AB \cdot BO}{BD}$$

$$ER := BE - AB + OQ \qquad BM := \frac{OQ \cdot BE}{ER} \qquad MN := \sqrt{BM \cdot (AB - BM)}$$

$$AF := \frac{MN \cdot AB}{BM} \qquad R := \frac{AF}{AB} \qquad \frac{\left(N_1^2 \cdot N_2^2 - N_1^2 \cdot N_2\right)^{\frac{1}{2}}}{N_2} - R = 0$$

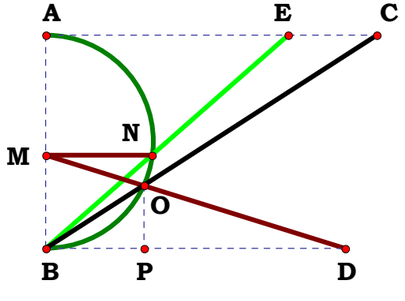
SM((N1E2TN2E2MN1TN2)E(1D2))DN2



$AB := 1$

$AC := 7 \qquad N_1 := \frac{AC}{AB}$

$BD := 6 \qquad N_2 := \frac{BD}{AB}$

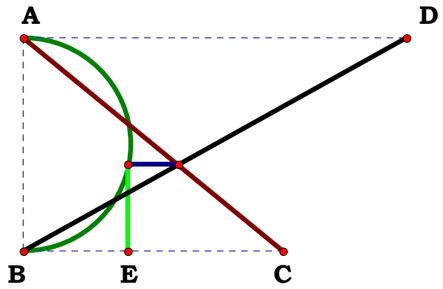


$BC := \sqrt{AB^2 + AC^2} \qquad BO := \frac{AB^2}{BC} \qquad OP := \frac{AB \cdot BO}{BC} \qquad BP := \frac{AC \cdot BO}{BC}$

$DP := BD - BP \qquad BM := \frac{OP \cdot BD}{DP} \qquad MN := \sqrt{BM \cdot (AB - BM)} \qquad AE := \frac{MN \cdot AB}{BM}$

$R := \frac{AE}{AB} \qquad \frac{\left(N_1^2 \cdot N_2^2 - N_1 \cdot N_2\right)^{\frac{1}{2}}}{N_2} - R = 0$

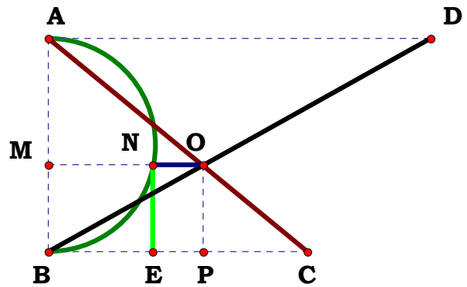
SM((N1TN2)E(1D2))D(N1PN2)



$AB := 1$

$AD := 6 \qquad N_1 := \frac{AD}{AB}$

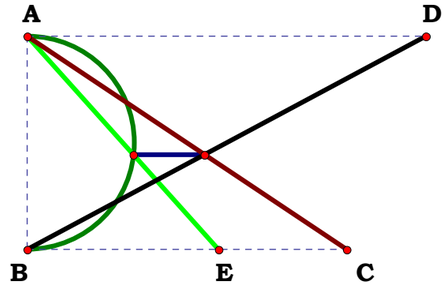
$BC := 4 \qquad N_2 := \frac{BC}{AB}$



$$OP := \frac{AB \cdot BC}{BC + AD} \qquad MN := \sqrt{OP \cdot (AB - OP)}$$

$$R := \frac{MN}{AB} \qquad \frac{(N_1 \cdot N_2)^{\frac{1}{2}}}{N_1 + N_2} - R = 0$$

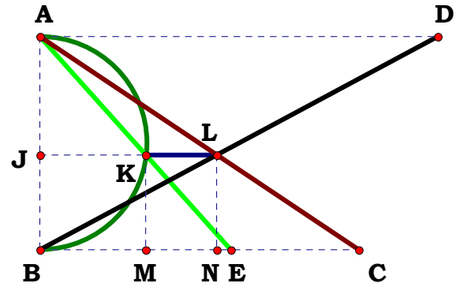
SM((N1TN2)E(1D2))DN1



$AB := 1$

$AD := 7 \qquad N_1 := \frac{AD}{AB}$

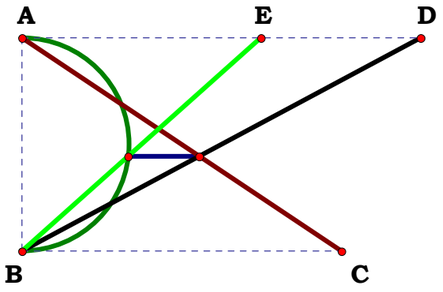
$BC := 5 \qquad N_2 := \frac{BC}{AB}$



$BN := \frac{BC \cdot AD}{BC + AD} \qquad LN := \frac{AB \cdot BN}{AD} \qquad JK := \sqrt{LN \cdot (AB - LN)}$

$BE := \frac{JK \cdot AB}{AB - LN} \qquad R := \frac{BE}{AB} \qquad \frac{(N_1 \cdot N_2)^{\frac{1}{2}}}{N_1} - R = 0$

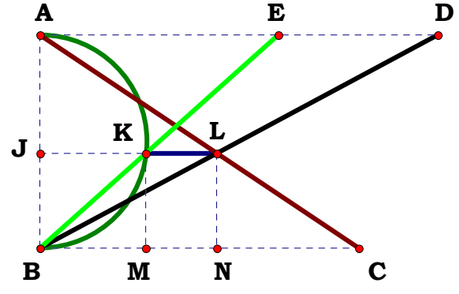
SM((N1TN2)E(1D2))DN2



$$AB := 1$$

$$AD := 7 \qquad N_1 := \frac{AD}{AB}$$

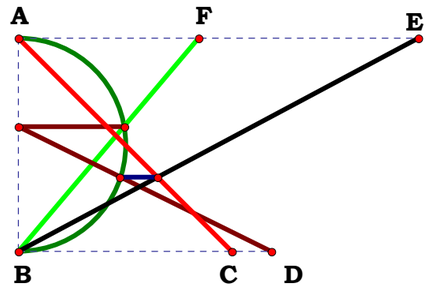
$$BC := 5 \qquad N_2 := \frac{BC}{AB}$$



$$BN := \frac{BC \cdot AD}{BC + AD} \qquad LN := \frac{AB \cdot BN}{AD} \qquad JK := \sqrt{LN \cdot (AB - LN)}$$

$$AE := \frac{JK \cdot AB}{LN} \qquad R := \frac{AE}{AB} \qquad \frac{(N_1 \cdot N_2)^{\frac{1}{2}}}{N_2} - R = 0$$

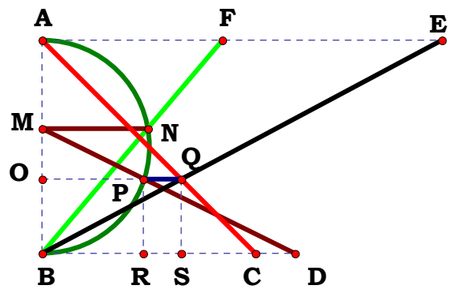
SM((N1TN2E2MN1E(1D2)TN2)E(1D2))DN2



$AB := 1$

$AE := 7 \quad N_1 := \frac{AE}{AB}$

$BD := 4 \quad N_2 := \frac{BD}{AB}$

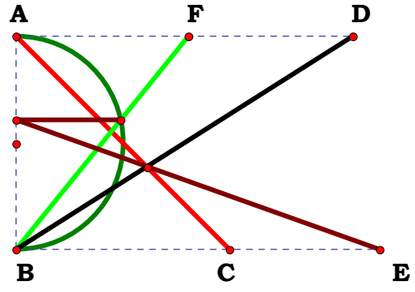


$QS := \frac{AB^2}{AB + AE} \quad OP := \sqrt{QS \cdot (AB - QS)} \quad DR := BD - OP$

$BM := \frac{QS \cdot BD}{DR} \quad MN := \sqrt{BM \cdot (AB - BM)} \quad AF := \frac{MN \cdot AB}{BM}$

$R := \frac{AF}{AB} \qquad \frac{\left(N_1 \cdot N_2^{\,2} - N_1^{\,\frac{1}{2}} \cdot N_2\right)^{\frac{1}{2}}}{N_2} - R = 0$

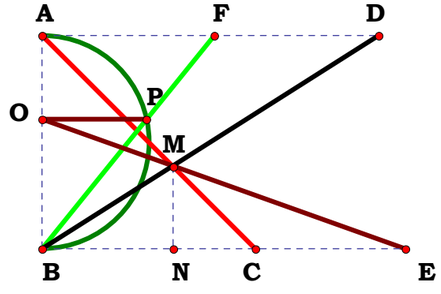
SM((N1TN2E2MN1TN2)E(1D2))DN2



$$AB := 1$$

$$AD := 6 \qquad N_1 := \frac{AD}{AB}$$

$$BE := 5 \qquad N_2 := \frac{BE}{AB}$$

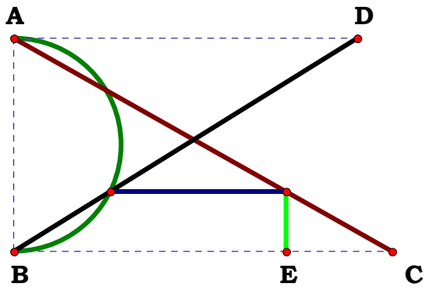


$$MN := \frac{AB^2}{AB + AD} \qquad BN := \frac{AB \cdot AD}{AB + AD} \qquad EN := BE - BN$$

$$BO := \frac{MN \cdot BE}{EN} \qquad OP := \sqrt{BO \cdot (AB - BO)} \qquad AF := \frac{OP \cdot AB}{BO}$$

$$R := \frac{AF}{AB} \qquad \frac{\left(N_1 \cdot N_2^2 - N_1 \cdot N_2\right)^{\frac{1}{2}}}{N_2} - R = 0$$

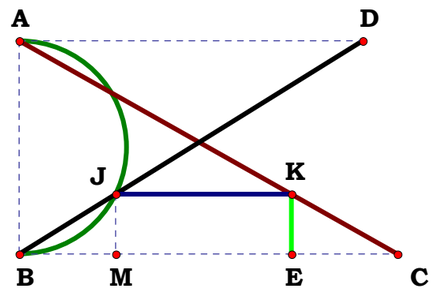
SM(N1E2TN2)D(N1E2P1)



$AB := 1$

$AD := 6$ $\quad N_1 := \frac{AD}{AB}$

$BC := 4$ $\quad N_2 := \frac{BC}{AB}$

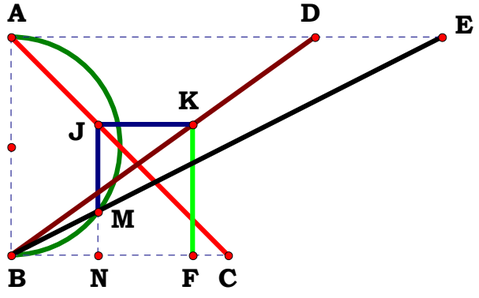


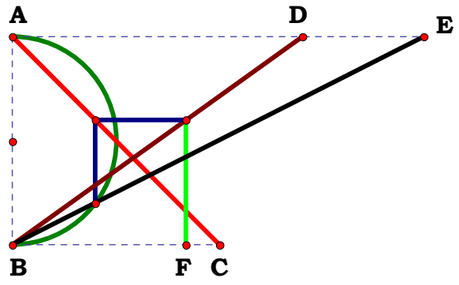
$BD := \sqrt{AB^2 + AD^2}$ $\quad BJ := \frac{AB^2}{BD}$ $\quad JM := \frac{AB \cdot BJ}{BD}$

$CE := \frac{BC \cdot JM}{AB}$ $\quad BE := BC - CE$ $\quad R := \frac{BE}{AB}$

$$\frac{N_1^2 \cdot N_2}{N_1^2 + 1} - R = 0$$

SM(N1E2TN2MN1TN2PN2)D(N1E2P1)





$$AB := 1$$

$$AE := 7 \qquad N_1 := \frac{AE}{AB}$$

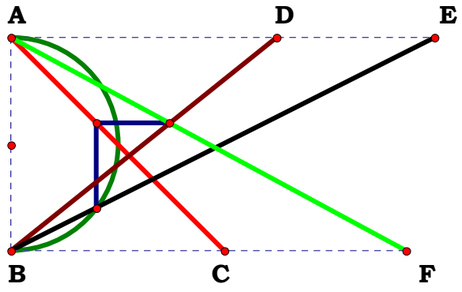
$$AD := 5 \qquad N_2 := \frac{AD}{AB}$$

$$BE := \sqrt{AB^2 + AE^2} \qquad BM := \frac{AB^2}{BE} \qquad BN := \frac{AE \cdot BM}{BE}$$

$$CN := AB - BN \qquad JN := CN \qquad BF := \frac{AD \cdot JN}{AB}$$

$$R := \frac{BF}{AB} \qquad \frac{N_1^2 \cdot N_2 - N_1 \cdot N_2 + N_2}{N_1^2 + 1} - R = 0$$

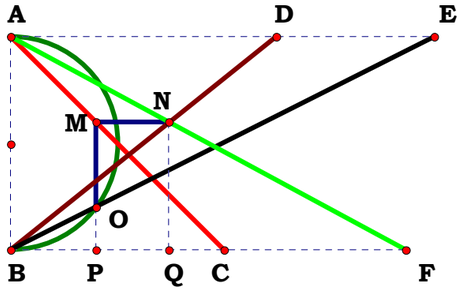
SM(N1E2TN2MN1TN2PN2)DN1



$AB := 1$

$AE := 7$ $\quad N_1 := \frac{AE}{AB}$

$AD := 5$ $\quad N_2 := \frac{AD}{AB}$

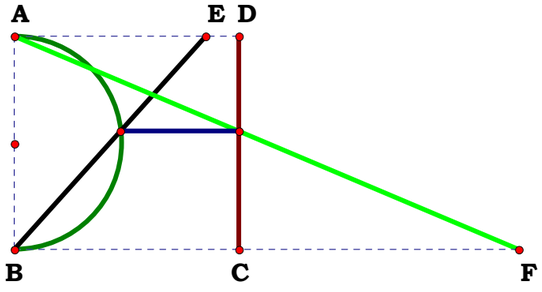


$BE := \sqrt{AB^2 + AE^2}$ $\quad BO := \frac{AB^2}{BE}$ $\quad BP := \frac{AE \cdot BO}{BE}$

$CP := AB - BP$ $\quad BQ := \frac{AD \cdot CP}{AB}$ $\quad BF := \frac{BQ \cdot AB}{AB - CP}$

$R := \frac{BF}{AB}$ $\quad \frac{N_1^2 \cdot N_2 - N_1 \cdot N_2 + N_2}{N_1} - R = 0$

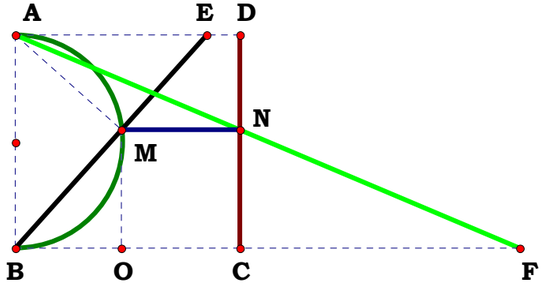
SM(N1E2TN2PN2)DN1E2



$$AB := 1$$

$$AE := 3 \qquad N_1 := \frac{AE}{AB}$$

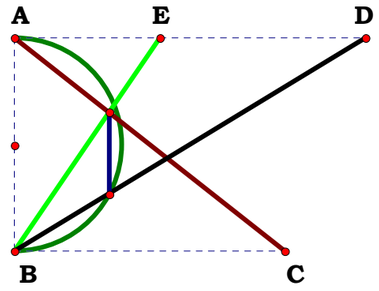
$$BC := 4 \qquad N_2 := \frac{BC}{AB}$$



$$BE := \sqrt{AB^2 + AE^2} \qquad BM := \frac{AB^2}{BE} \qquad MO := \frac{AB \cdot BM}{BE}$$

$$BF := \frac{BC \cdot AB}{AB - MO} \qquad R := \frac{BF}{AB} \qquad \frac{N_1^2 \cdot N_2 + N_2}{N_1^2} - R = 0$$

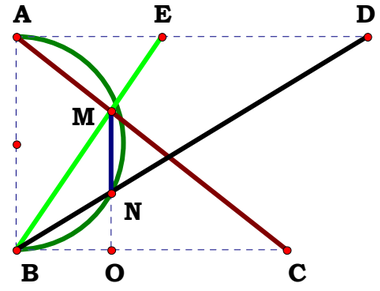
SM(N1TN2)D(N1E2TN2PN2MN1)



$AB := 1$

$AD := 6$ $\quad N_1 := \frac{AD}{AB}$

$BC := 4$ $\quad N_2 := \frac{BC}{AB}$

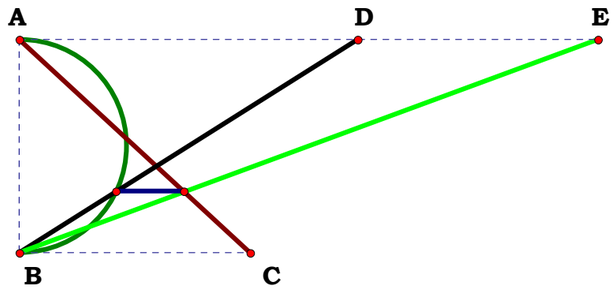


$BD := \sqrt{AB^2 + AD^2}$ $\quad BN := \frac{AB^2}{BD}$ $\quad BO := \frac{AD \cdot BN}{BD}$

$CO := BC - BO$ $\quad MO := \frac{AB \cdot CO}{BC}$ $\quad AE := \frac{BO \cdot AB}{MO}$

$R := \frac{AE}{AB}$ $\quad \frac{N_1 \cdot N_2}{N_1^2 \cdot N_2 + N_2 - N_1} - R = 0$

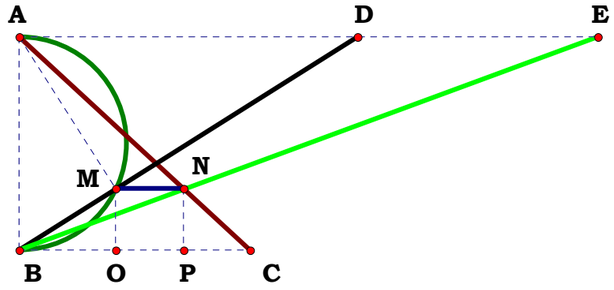
SMN1E2TN2



$AB := 1$

$AD := 6 \quad N_1 := \frac{AD}{AB}$

$BC := 4 \quad N_2 := \frac{BC}{AB}$

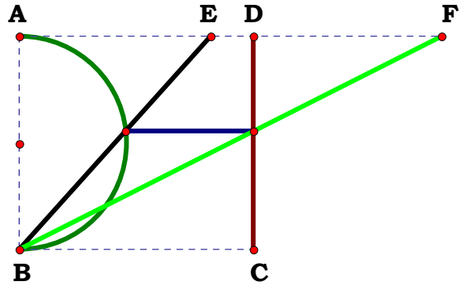


$BD := \sqrt{AB^2 + AD^2} \quad BM := \frac{AB^2}{BD} \quad MO := \frac{AB \cdot BM}{BD}$

$CP := \frac{BC \cdot MO}{AB} \quad BP := BC - CP \quad AE := \frac{BP \cdot AB}{MO}$

$R := \frac{AE}{AB} \quad N_1^2 \cdot N_2 - R = 0$

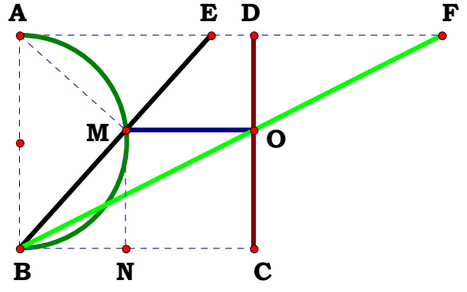
SMN1E2TN2PN2



$AB := 1$

$AE := 3$ $\quad N_1 := \frac{AE}{AB}$

$BC := 4$ $\quad N_2 := \frac{BC}{AB}$

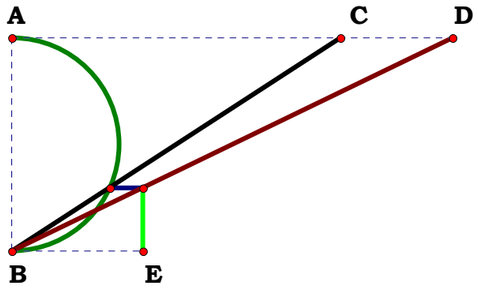


$BD := \sqrt{AB^2 + AE^2}$ $\quad BM := \frac{AB^2}{BD}$ $\quad MN := \frac{AB \cdot BM}{BD}$

$CO := MN$ $\quad AF := \frac{BC \cdot AB}{CO}$ $\quad R := \frac{AF}{AB}$

$N_1^2 \cdot N_2 + N_2 - R = 0$

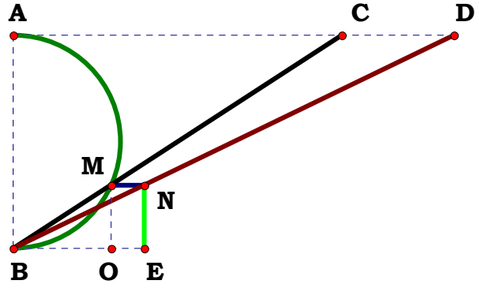
SMN2D(N1E2P1)



$AB := 1$

$AC := 5$ $\quad N_1 := \frac{AC}{AB}$

$AD := 7$ $\quad N_2 := \frac{AD}{AB}$

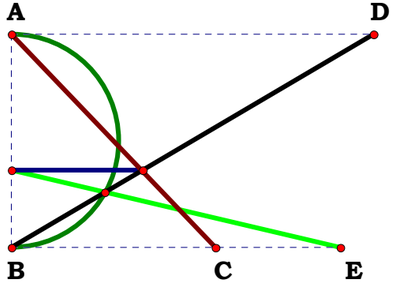


$BC := \sqrt{AB^2 + AC^2}$ $\quad BM := \frac{AC^2}{BC}$ $\quad MO := \frac{AB \cdot BM}{BC}$

$BE := \frac{AD \cdot (AB - MO)}{AB}$ $\quad R := \frac{BE}{AB}$

$$\frac{N_2}{N_1^2 + 1} - R = 0$$

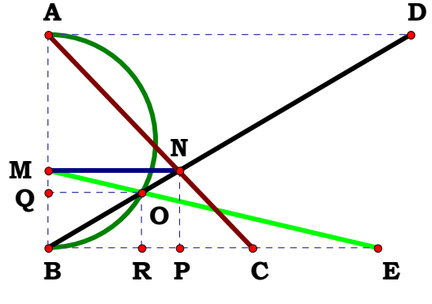
SMN2D(N1TN2M1)



$AB := 1$

$AD := 6 \quad N_1 := \frac{AD}{AB}$

$BC := 3 \quad N_2 := \frac{BC}{AB}$



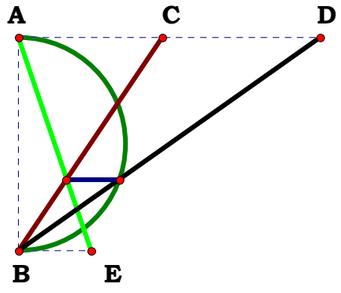
$BP := \frac{BC \cdot AD}{BC + AD} \quad BD := \sqrt{AB^2 + AD^2} \quad BO := \frac{AB^2}{BD}$

$OR := \frac{AB \cdot BO}{BD} \quad BR := \frac{AD \cdot BO}{BD} \quad NP := \frac{AB \cdot BP}{AD}$

$MQ := NP - OR \quad BE := \frac{BR \cdot NP}{MQ} \quad R := \frac{BE}{AB}$

$$\frac{N_2}{N_1 \cdot N_2 - 1} - R = 0$$

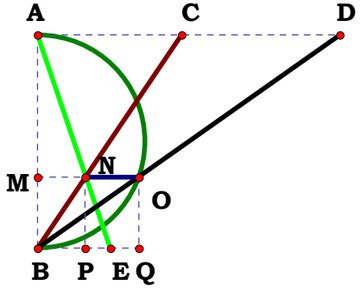
SMN2DN1E2



$AB := 1$

$AD := 5 \quad N_1 := \frac{AD}{AB}$

$AC := 3 \quad N_2 := \frac{AC}{AB}$

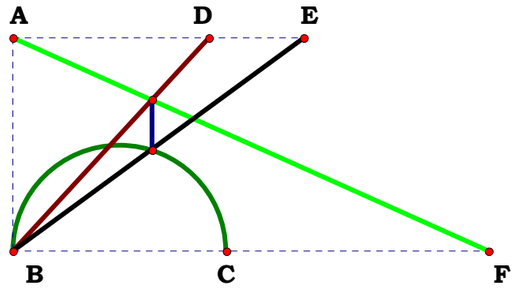


$BD := \sqrt{AB^2 + AD^2} \quad BO := \frac{AB^2}{BD} \quad OQ := \frac{AB \cdot BO}{BD}$

$BP := \frac{AC \cdot OQ}{AB} \quad BE := \frac{BP \cdot AB}{AB - OQ} \quad R := \frac{BE}{AB}$

$\frac{N_2}{N_1^2} - R = 0$

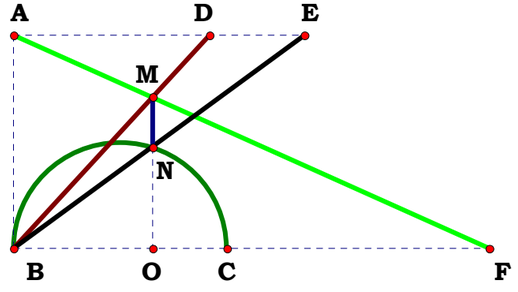
OB(N1E2TN2)D(N1E2TN2MN1E2PN2)



$$AB := 1$$

$$AE := 5 \qquad N_1 := \frac{AE}{AB}$$

$$AD := 3 \qquad N_2 := \frac{AD}{AB}$$

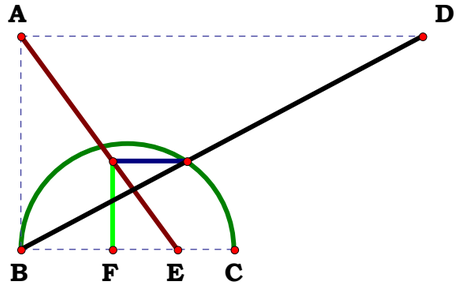


$$BE := \sqrt{AB^2 + AE^2} \qquad BN := \frac{AB \cdot AE}{BE} \qquad BO := \frac{AE \cdot BN}{BE}$$

$$MO := \frac{AB \cdot BO}{AD} \qquad BF := \frac{BO \cdot AB}{AB - MO} \qquad R := \frac{BF}{AB}$$

$$\frac{N_1^2 \cdot N_2}{N_1^2 \cdot N_2 - N_1^2 + N_2} - R = 0$$

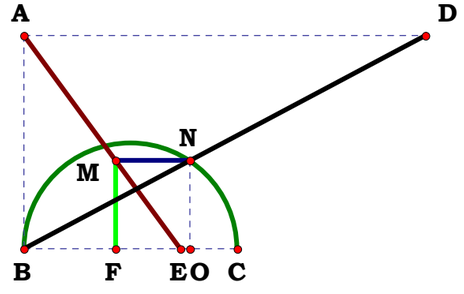
OB(N1E2TN2MN1TN2PN2)D(N1E2P1)



$$AB := 1$$

$$AD := 7 \qquad N_1 := \frac{AD}{AB}$$

$$BE := 3 \qquad N_2 := \frac{BE}{AB}$$

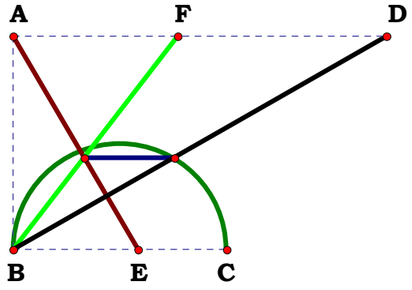


$$BD := \sqrt{AB^2 + AD^2} \qquad BN := \frac{AB \cdot AD}{BD} \qquad NO := \frac{AB \cdot BN}{BD}$$

$$EF := \frac{BE \cdot NO}{AB} \qquad BF := BE - EF$$

$$R := \frac{BF}{AB} \qquad \frac{N_1^2 \cdot N_2 - N_1 \cdot N_2 + N_2}{N_1^2 + 1} - R = 0$$

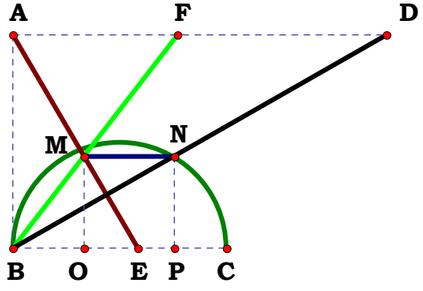
OB(N1E2TN2MN1TN2PN2)DN1



$AB := 1$

$AD := 6$ $\quad N_1 := \frac{AD}{AB}$

$BE := 2$ $\quad N_2 := \frac{BE}{AB}$

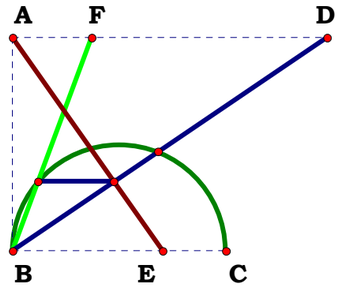


$BD := \sqrt{AB^2 + AD^2}$ $\quad BN := \frac{AB \cdot AD}{BD}$ $\quad NP := \frac{AB \cdot BN}{BD}$

$EO := \frac{BE \cdot NP}{AB}$ $\quad BO := BE - EO$ $\quad AF := \frac{BO \cdot AB}{NP}$

$R := \frac{AF}{AB}$ $\quad \frac{N_1^2 \cdot N_2 - N_1 \cdot N_2 + N_2}{N_1} - R = 0$

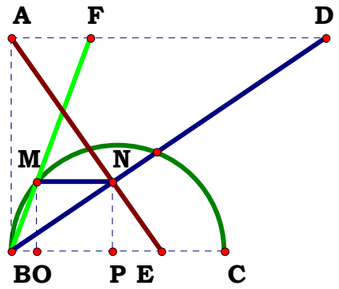
OB(N1PN2M((N1P3TN2)T(N1MN2)E(1D2))D(2TN2)



$$AB := 1$$

$$AD := 5 \qquad N_1 := \frac{AD}{AB}$$

$$BE := 3 \qquad N_2 := \frac{BE}{AB}$$

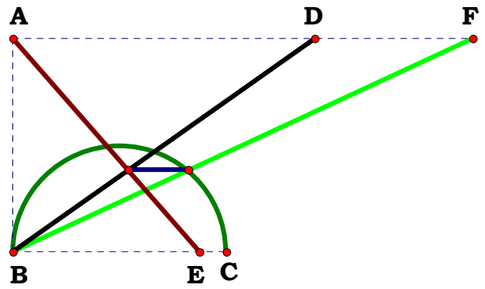


$$MO := \frac{AB \cdot BE}{BE + AD} \qquad BP := \frac{AB}{2} - \sqrt{\left(\frac{AB}{2}\right)^2 - MO^2}$$

$$AF := \frac{BP \cdot AB}{MO} \qquad R := \frac{AF}{AB}$$

$$\frac{\left(N_1 + N_2\right) - \left[\left(N_1 + 3 \cdot N_2\right) \cdot \left(N_1 - N_2\right)\right]^{\frac{1}{2}}}{2 \cdot N_2} - R = 0$$

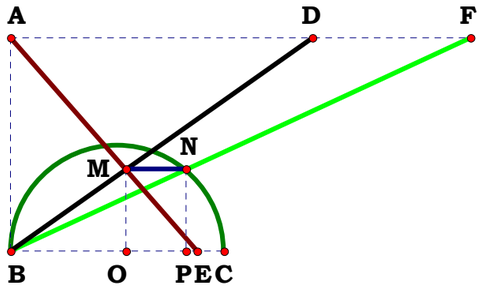
OB(N1PN2P((N1P3TN2)T(N1MN2)E(1D2))D(2TN2)



$AB := 1$

$AD := 5$ $\quad N_1 := \frac{AD}{AB}$

$BE := 3$ $\quad N_2 := \frac{BE}{AB}$

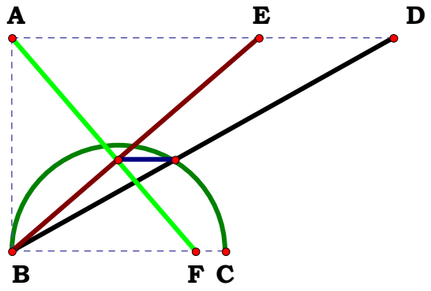


$$MO := \frac{AB \cdot BE}{BE + AD} \qquad BP := \frac{AB}{2} + \sqrt{\left(\frac{AB}{2}\right)^2 - MO^2}$$

$$AF := \frac{BP \cdot AB}{MO} \qquad R := \frac{AF}{AB}$$

$$\frac{\left(N_1 + N_2\right) + \left[\left(N_1 + 3 \cdot N_2\right) \cdot \left(N_1 - N_2\right)\right]^{\frac{1}{2}}}{2 \cdot N_2} - R = 0$$

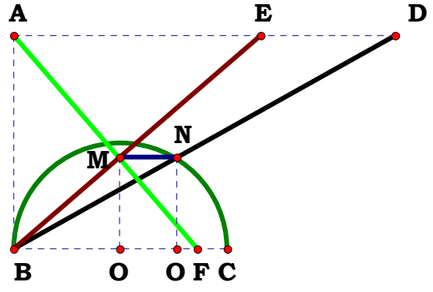
OB(N1TN2)D(N1E2MN1P1)



$AB := 1$

$AD := 6 \quad N_1 := \frac{AD}{AB}$

$AE := 4 \quad N_2 := \frac{AE}{AB}$

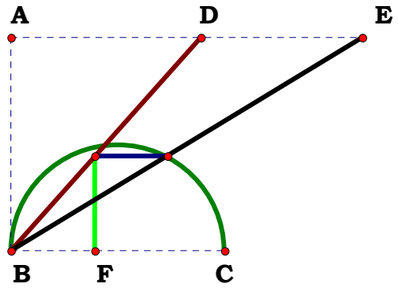


$$BD := \sqrt{AB^2 + AD^2} \qquad BN := \frac{AB \cdot AD}{BD} \qquad NO := \frac{AB \cdot BN}{BD}$$

$$BO := \frac{AE \cdot NO}{AB} \qquad BF := \frac{BO \cdot AB}{AB - NO} \qquad R := \frac{BF}{AB}$$

$$\frac{N_1 \cdot N_2}{N_1^2 - N_1 + 1} - R = 0$$

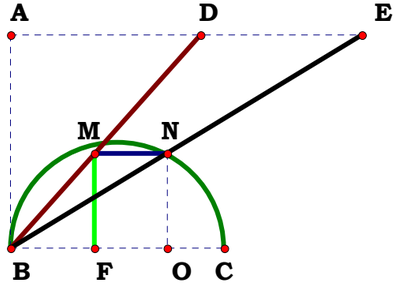
OB(N1TN2)D(N1E2P1)



$AB := 1$

$AE := 6$ $\quad N_1 := \frac{AE}{AB}$

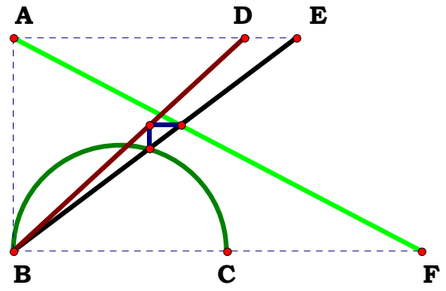
$AD := 3$ $\quad N_2 := \frac{AD}{AB}$



$BE := \sqrt{AB^2 + AE^2}$ $\quad BN := \frac{AB \cdot AE}{BE}$ $\quad NO := \frac{AB \cdot BN}{BE}$

$BF := \frac{AD \cdot NO}{AB}$ $\quad R := \frac{BF}{AB}$ $\quad \frac{N_1 \cdot N_2}{N_1^2 + 1} - R = 0$

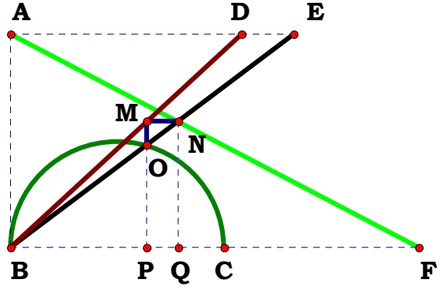
OBN1E3D(N1E2TN2MN1E2PN2)



$AB := 1$

$AE := 5$ $\quad N_1 := \frac{AE}{AB}$

$AD := 4$ $\quad N_2 := \frac{AD}{AB}$

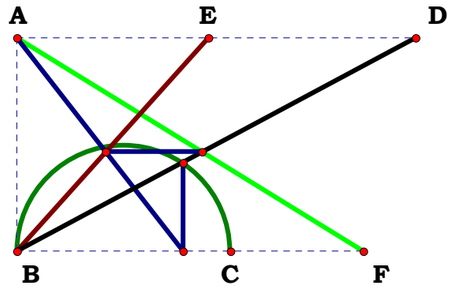


$BE := \sqrt{AB^2 + AE^2}$ $\quad BO := \frac{AB \cdot AE}{BE}$ $\quad BP := \frac{AE \cdot BO}{BE}$

$MP := \frac{AB \cdot BP}{AD}$ $\quad BQ := \frac{AE \cdot MP}{AB}$ $\quad BF := \frac{BQ \cdot AB}{AB - MP}$

$R := \frac{BF}{AB}$ $\quad \frac{N_1^3}{N_1^2 \cdot N_2 - N_1^2 + N_2} - R = 0$

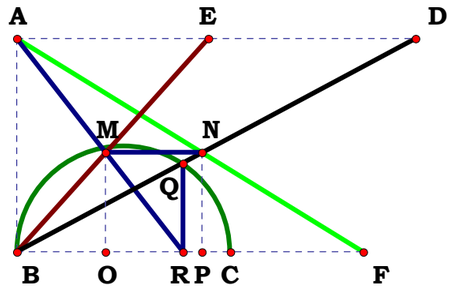
OBN1E3D(N1E2TN2PN2)



$AB := 1$

$AD := 7$ $\quad N_1 := \frac{AD}{AB}$

$AE := 3$ $\quad N_2 := \frac{AE}{AB}$

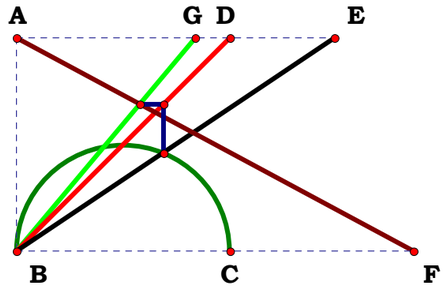


$BD := \sqrt{AB^2 + AD^2}$ $\quad BQ := \frac{AB \cdot AD}{BD}$ $\quad BR := \frac{AD \cdot BQ}{BD}$

$BO := \frac{BR \cdot AE}{BR + AE}$ $\quad MO := \frac{AB \cdot BO}{AE}$ $\quad BP := \frac{AD \cdot MO}{AB}$

$BF := \frac{BP \cdot AB}{AB - MO}$ $\quad R := \frac{BF}{AB}$ $\quad \frac{N_1^3}{N_1^2 \cdot N_2 + N_2} - R = 0$

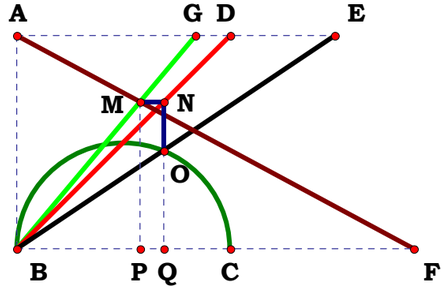
OBN2DN1E2



$AB := 1$

$AE := 5 \quad N_1 := \frac{AE}{AB}$

$BF := 7 \quad N_2 := \frac{BF}{AB}$

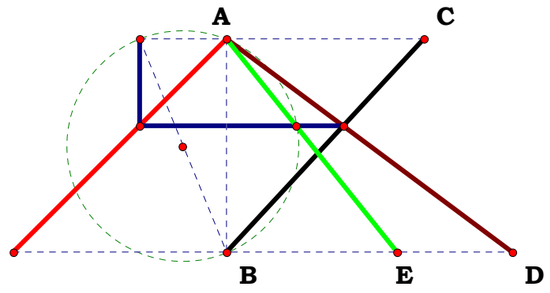


$BE := \sqrt{AB^2 + AE^2} \quad BO := \frac{AB \cdot AE}{BE} \quad BQ := \frac{AE \cdot BO}{BE}$

$FP := \frac{BF \cdot BQ}{AB} \quad BP := BF - FP \quad AG := \frac{BP \cdot AB}{BQ}$

$R := \frac{AG}{AB} \quad \frac{N_2}{N_1^2} - R = 0$

RS((N1E2P4TN1TN2)E(1D2)MN1)D(2TN1)



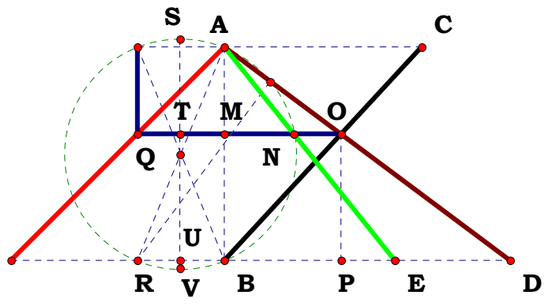
$$AB := 1$$

$$AC := 4$$

$$N_1 := \frac{AC}{AB}$$

$$BD := 5$$

$$N_2 := \frac{BD}{AB}$$



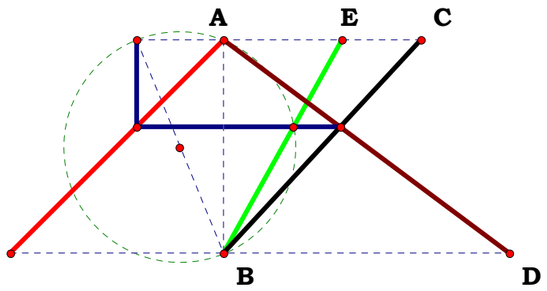
$$OP := \frac{AB \cdot BD}{AC + BD} \qquad BR := AB - OP \qquad AR := \sqrt{BR^2 + AB^2}$$

$$UV := \frac{AR - AB}{2} \qquad TV := OP + UV \qquad TN := \sqrt{TV \cdot (AR - TV)}$$

$$MN := TN - \frac{BR}{2} \qquad BE := \frac{MN \cdot AB}{AB - OP}$$

$$R := \frac{BE}{AB} \qquad \frac{\left(N_1^2 + 4 \cdot N_1 \cdot N_2\right)^{\frac{1}{2}} - N_1}{2 \cdot N_1} - R = 0$$

RS((N1E2P4TN1TN2)E(1D2)MN1)D(2TN2)



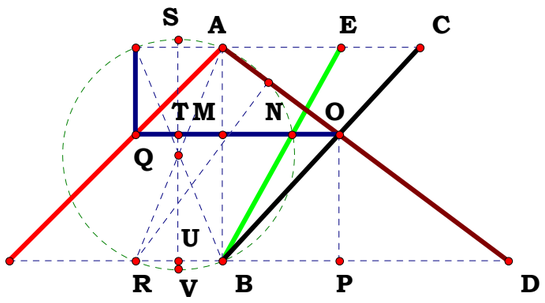
$$AB := 1$$

$$AC := 4$$

$$N_1 := \frac{AC}{AB}$$

$$BD := 5$$

$$N_2 := \frac{BD}{AB}$$



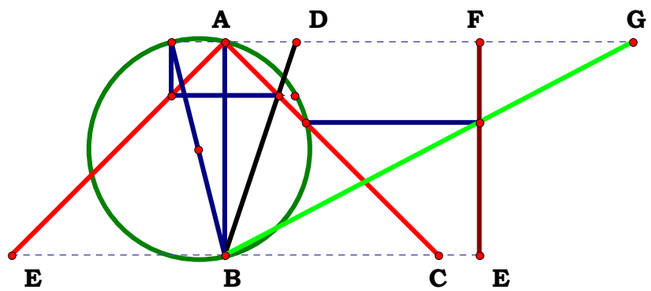
$$OP := \frac{AB \cdot BD}{AC + BD} \qquad BR := AB - OP \qquad AR := \sqrt{BR^2 + AB^2}$$

$$UV := \frac{AR - AB}{2} \qquad TV := OP + UV \qquad TN := \sqrt{TV \cdot (AR - TV)}$$

$$MN := TN - \frac{BR}{2} \qquad AE := \frac{MN \cdot AB}{OP} \qquad R := \frac{AE}{AB}$$

$$\frac{\left(N_1^2 + 4 \cdot N_1 \cdot N_2\right)^{\frac{1}{2}} - N_1}{2 \cdot N_2} - R = 0$$

RS(2TN1TN2P2TN2)D(2TN1P1)



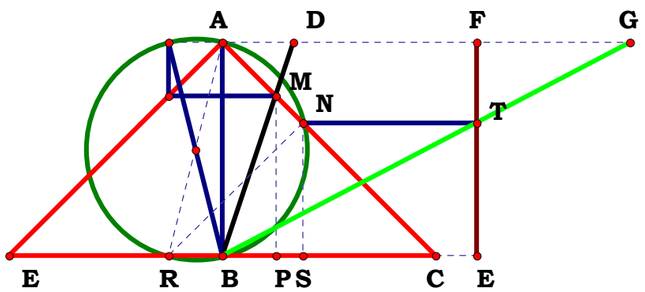
$$AB := 1$$

$$AD := 2$$

$$N_1 := \frac{AD}{AB}$$

$$BE := 5$$

$$N_2 := \frac{BE}{AB}$$

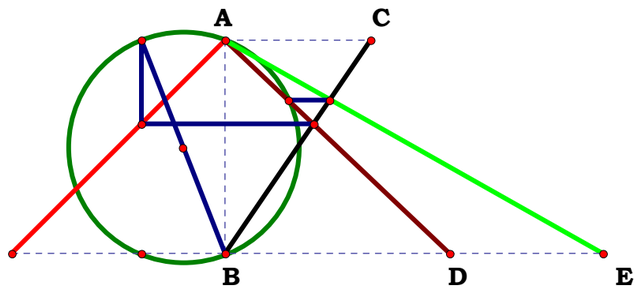


$$AC := AB\sqrt{2} \qquad BP := \frac{AD \cdot AB}{AB + AD} \qquad CR := AB + BP$$

$$AR := \sqrt{BP^2 + AB^2} \qquad AN := \frac{AR^2 + AC^2 - CR^2}{2 \cdot AC}$$

$$FT := \frac{AN}{\sqrt{2}} \qquad AG := \frac{BE \cdot AB}{AB - FT} \qquad R := \frac{AG}{AB}$$

$$\frac{2 \cdot N_1 \cdot N_2 + 2 \cdot N_2}{2 \cdot N_1 + 1} - R = 0$$



$$AB := 1$$

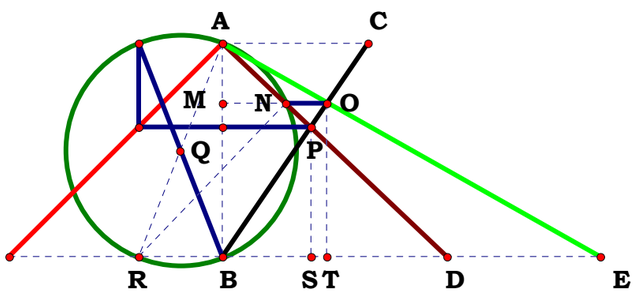
$$AC := 2$$

$$N_1 := \frac{AC}{AB}$$

$$BD := 4$$

$$N_2 := \frac{BD}{AB}$$

RS(N1E2TN2E2PN1TN2E3PN1E2TN2)D(N1PN2MN1TN2)



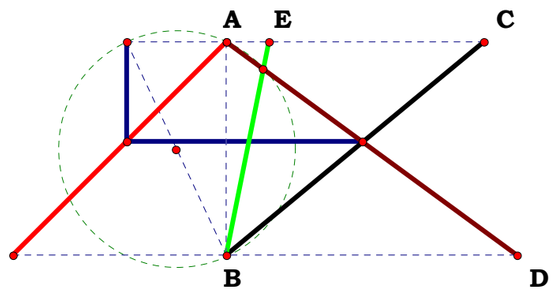
$$PS := \frac{AB \cdot BD}{AC + BD} \qquad AQ := AB - PS \qquad BR := AQ \qquad AD := \sqrt{AB^2 + BD^2}$$

$$AR := \sqrt{BR^2 + AB^2} \qquad DR := BD + BR \qquad AN := \frac{AR^2 + AD^2 - DR^2}{2 \cdot AD}$$

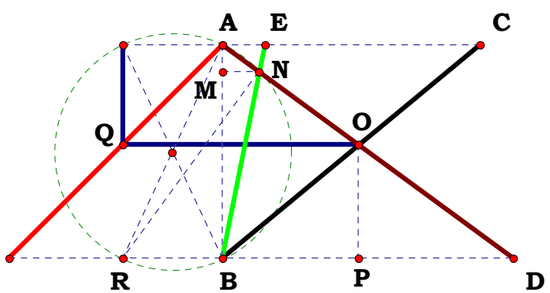
$$OT := \frac{AB \cdot (AD - AN)}{AD} \qquad BT := \frac{AC \cdot OT}{AB} \qquad BE := \frac{BT \cdot AB}{AB - OT} \qquad R := \frac{BE}{AB}$$

$$\frac{N_1 \cdot {N_2}^3 + {N_1}^2 \cdot {N_2}^2 + {N_1}^2 \cdot N_2}{N_1 + N_2 - N_1 \cdot N_2} - R = 0$$

RS(N1PN2MN1TN2)D(N2E2PN1TN2PN1)



$$AB := 1 \qquad AC := 2 \qquad N_1 := \frac{AC}{AB} \qquad BD := 1.5 \qquad N_2 := \frac{BD}{AB}$$



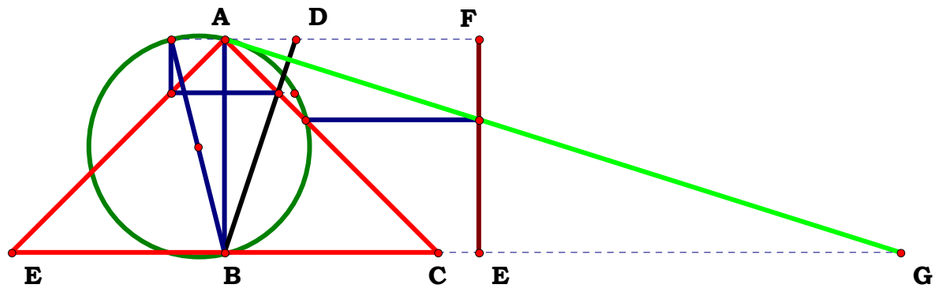
$$AD := \sqrt{AB^2 + BD^2} \qquad OP := \frac{AB \cdot BD}{AC + BD} \qquad BR := AB - OP$$

$$AR := \sqrt{BR^2 + AB^2} \qquad DR := BD + BR \qquad AN := \frac{AR^2 + AD^2 - DR^2}{2 \cdot AD}$$

$$MN := \frac{BD \cdot AN}{AD} \qquad BM := \frac{AB \cdot (AD - AN)}{AD} \qquad AE := \frac{MN \cdot AB}{BM} \qquad R := \frac{AE}{AB}$$

$$\frac{N_1 + N_2 - N_1 \cdot N_2}{N_1 + N_2^2 + N_1 \cdot N_2} - R = 0$$

RS2TN1TN2P2TN2



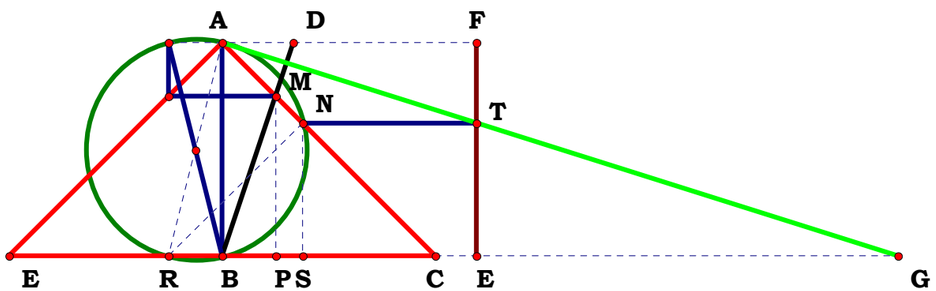
$$AB := 1$$

$$AD := 2$$

$$N_1 := \frac{AD}{AB}$$

$$BE := 5$$

$$N_2 := \frac{BE}{AB}$$



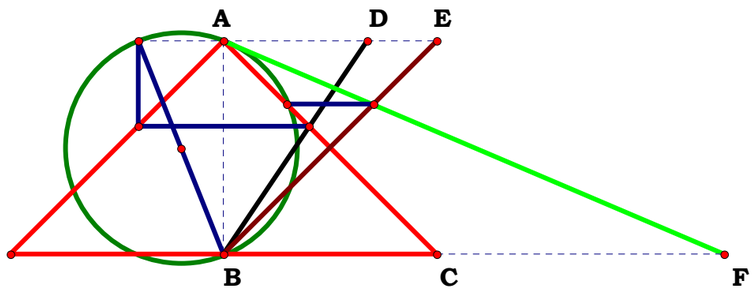
$$AC := \sqrt{2 \cdot AB^2} \qquad BP := \frac{AD \cdot AB}{AB + AD}$$

$$CR := AB + BP \qquad AR := \sqrt{BP^2 + AB^2}$$

$$AN := \frac{AR^2 + AC^2 - CR^2}{2 \cdot AC} \qquad FT := \frac{AN}{\sqrt{2}}$$

$$BG := \frac{BE \cdot AB}{FT} \qquad R := \frac{BG}{AB} \qquad 2 \cdot N_1 \cdot N_2 + 2 \cdot N_2 - R = 0$$

RS2TN1TN2PN2



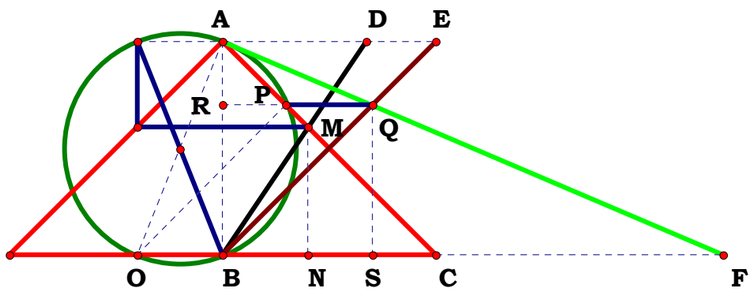
$$AB := 1$$

$$AD := 3$$

$$N_1 := \frac{AD}{AB}$$

$$AE := 4$$

$$N_2 := \frac{AE}{AB}$$



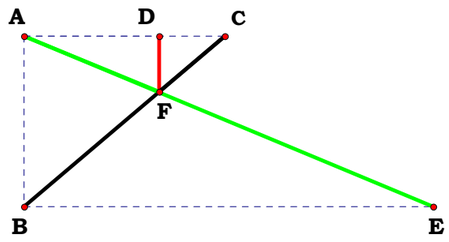
$$BN := \frac{AD \cdot AB}{AD + AB} \qquad BO := BN \qquad AO := \sqrt{BO^2 + AB^2}$$

$$CO := AB + BO \qquad AC := \sqrt{2} \cdot AB \qquad AP := \frac{AO^2 + AC^2 - CO^2}{2 \cdot AC}$$

$$AR := \frac{AP}{\sqrt{2}} \qquad QS := AB - AR \qquad BS := \frac{AE \cdot QS}{AB}$$

$$BF := \frac{BS \cdot AB}{AR} \qquad R := \frac{BF}{AB} \qquad 2 \cdot N_1 \cdot N_2 + N_2 - R = 0$$

CD(N1TN2)D(N1MN2)



$AB := 2.8575$

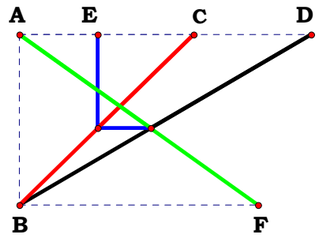
$AC := 3.37374$ $\quad N_1 := AC$

$AD := 4.80214$ $\quad N_2 := AD$

$CD := AC - AD$ $\quad DF := \frac{AB \cdot CD}{AC}$ $\quad BE := \frac{AD \cdot AB}{DF}$ $\quad R := BE$

$$\frac{N_1 \cdot N_2}{N_1 - N_2} - R = 0$$

CS(N2TN3)D(N1MN3)



$AB := 1$

$AC := 8$

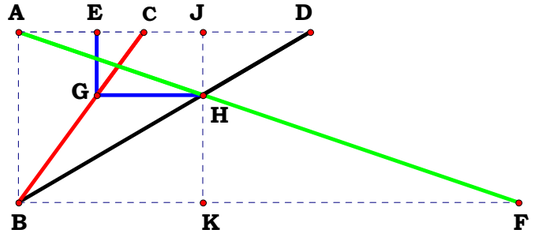
$AD := 5$

$AE := 2$

$N_1 := \frac{AC}{AB}$

$N_2 := \frac{AD}{AB}$

$N_3 := \frac{AE}{AB}$



$CE := AC - AE$ $\quad EG := \frac{AB \cdot CE}{AC}$ $\quad JH := EG$

$DJ := \frac{AD \cdot JH}{AB}$ $\quad AJ := AD - DJ$ $\quad BF := \frac{AJ \cdot AB}{JH}$ $\quad R := \frac{BF}{AB}$

$$\frac{N_2 \cdot N_3}{N_1 - N_3} - R = 0$$